

Windchill ProjectLink 9.0 Curriculum Guide

NOTE: For a graphical depiction of the curriculum based on job role, please visit this page:
http://www.ptc.com/services/edserv/learning/paths/ptc/pjl_90.htm

Live Classroom Curriculum Guide

- Introduction to Windchill ProjectLink 9.0
- Introduction to ProductView 9.0
- Windchill 9.0 System Administration
- Windchill 9.0 Workflow Administration

Introduction to Windchill ProjectLink 9.0

Course Code	TRN-2138-T
Course Length	1 Day

Overview

In this course, you will learn how to participate in and manage projects using Windchill ProjectLink 9.0. You will learn how to access and navigate the Windchill ProjectLink interface. This includes navigating and using your personal environment, the project environment, and the visualization environment. You will also learn how to manage document information, CAD information, and assigned tasks. You will also learn how to create and manage projects, which includes planning activities and milestones, assigning the project team, and setting up the folder storage structure. You will learn how to communicate with other team members using Windchill ProjectLink's collaboration tools. Lastly, you will learn how to create a program consisting of multiple projects, and a plan for managing the program.

At the end of each training day, Pro/FICIENCY skills assessments will be used to reinforce your understanding of the course topics. Your instructor will also use the results from the anonymous skills assessments as the basis for daily review sessions.

Prerequisites

- Basic browser and web navigation skills.
- Basic understanding of Project Management processes and deliverables.

Audience

This course is intended for both project participants and project managers using the ProjectLink application.

Topics

- Introduction to Project Management and the ProjectLink Environment
 - Create folders and set access controls
 - Create links and upload files
 - Create documents from templates
 - Create documents from Microsoft applications
 - Create parts and product structures
 - Mark up parts
 - Communicate and collaborate with team members
 - Schedule and host meetings
 - Record meeting minutes
 - Route objects and assign tasks
 - Update activities and deliverables
 - Complete tasks
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- Generate reports
- Assign and resolve action items
- Design and implement projects
- Plan and create projects
- Establish teams and resources
- Implement project plans
- Import project plans using Microsoft Project
- Create and manage project deliverables
- Control project states
- Monitor and control project status
- Manage project objects
- Create and implement a program containing multiple projects

Agenda

Day 1

Module 1	Application Orientation
Module 2	Creating and Managing the Project Environment
Module 3	Information Management
Module 4	Engineering Data Management
Module 5	Project Process Participation
Module 6	Communication and Collaboration
Module 7	Program and Project Networks

Introduction to ProductView 9.0

Course Code	TRN-2140-T
Course Length	1 Day

Overview

In this course, you will learn about ProductView tools and techniques that are most commonly used. Using the ProductView Standard client, you will learn how to locate and view models in Windchill and Pro/INTRALINK PDM solutions.

Through exercises, you will learn to use the ProductView Standard interface to orient and interrogate 3-D models, explode components, measure 2-D and 3-D geometry on models, section models, as well as annotate and mark-up models. You will also learn how to query model data and how to collaborate with other users regardless of physical location.

At the end of the course, a Pro/FICIENCY skills assessment will be used to reinforce your understanding of the course topics.

Prerequisites

- Introduction to Windchill PDMLink 9.0 or
- Introduction to Windchill ProjectLink 9.0

Audience

This course is intended for all enterprise data users that use the ProductView 9.0 standard client.

Topics

- Introduction to visualization
 - Orienting design models
 - Changing model appearances
 - Exploding model components
 - Introduction to construction geometry
 - Displaying dimensions
 - Measuring distances
 - Introduction to sectioning models
 - Introduction to annotations and mark-ups
 - Querying data
 - Viewing drawings
 - Collaborate in real-time online
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Agenda

Day 1

Module 1	Introduction to Visualization
Module 2	Introduction to ProductView
Module 3	Collaborating Online with ProductView
Module 4	Creating Construction Geometry
Module 5	Creating Annotations
Module 6	Sectioning Models

Windchill 9.0 System Administration

Course Code	TRN-2141-T
Course Length	3 Days

Overview

In this course, you will learn how to install and configure Windchill system components, including PDMLink and ProjectLink. You will learn how to perform routine Windchill system administration tasks including how to shut down and start Windchill services, conduct performance testing, and tune up Windchill components for performance. You will also learn how to manage a distributed system environment and plan and run basic backup and recovery procedures. Other topics include managing system performance with Oracle 10g, managing memory and CPU allocation, troubleshooting background queues, and monitoring firewall activity and security.

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.

At the end of each day, you will complete Pro/FICIENCY skills assessment questions. 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 complete basic Windchill PDMLink tasks and activities, as well as have a better understanding of the Windchill PDMLink system implementation at your company.

Prerequisites

- Familiarity with the Windchill PDMLink 9.0 or Windchill ProjectLink 9.0 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.

Topics

- Identifying Windchill System Components
- Installing Windchill Components
- Performance Testing
- External File Storage
- Data Replication
- Workflow Performance Tuning
- Database Performance Tuning
- System Backup and Recovery
- Windchill Infrastructure Security

Agenda

Day 1

Module 1	Identifying Windchill System Components
Module 2	Installing Windchill Components
Module 3	Managing Windchill Services

Day 2

Module 4	Performance Testing
Module 5	External File Storage
Module 6	Data Replication
Module 7	Tuning Application Server
Module 8	Tuning Workflow Processes

Day 3

Module 9	Oracle Performance Tuning
Module 10	Windchill Backup and Recovery
Module 11	Windchill Infrastructure Security

Windchill 9.0 Workflow Administration

Course Code	TRN-2143-T
Course Length	2 Days

Overview

In this course, you will learn Windchill Workflow features and how to design, configure and test workflow processes.

You will complete Pro/FICIENCY skills assessment questions for each module. 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 able to plan and configure workflow automation features to support your company's business processes.

Prerequisites

- Successful completion of Introduction to Windchill PDMLink 9.0, Introduction to Windchill ProjectLink 9.0, or Introduction to Arbortext Content Manager 9.0.
- Successful completion of Windchill PDMLink 9.0 Business Administration, Windchill ProjectLink 9.0 Business Administration, or Arbortext Content Manager 9.0 Business Administration.

Audience

This training course is intended for Windchill business administrators, and application developers.

Topics

- Using the Workflow Process Editor, Process Administrator, and Workflow Administrator to manage and maintain workflow templates and processes.
 - Creating manual and automated workflow activities.
 - Controlling process flow manually, administratively, and automatically.
 - Creating sub-processes and block processes.
 - Synchronizing workflows with other Windchill events and processes.
 - Configuring automated tasks in workflow processes.
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Agenda

Day 1

Module 1	Using Workflow Tools
Module 2	Defining Manual Tasks
Module 3	Using Task Forms

Day 2

Module 4	Controlling Process Flow
Module 5	Simplifying Complex Templates
Module 6	Automating Tasks

Web Based Curriculum Guide

- Introduction to Windchill ProjectLink 9.0
 - Introduction to ProductView 9.0
 - Windchill 9.0 System Administration
 - Windchill 9.0 Workflow Administration
 - Windchill ProjectLink 9.0 - Application Orientation
 - Windchill ProjectLink 9.0 - Creating and Managing the Project Environment
 - Windchill ProjectLink 9.0 - Information Management
 - Windchill ProjectLink 9.0 - CAD Data Management
 - Windchill ProjectLink 9.0 - Project Process Participation
 - Windchill ProjectLink 9.0 - Communication and Collaboration
 - Windchill ProjectLink 9.0 - Program and Projects Networks Management
 - ProductView 9.0 – Application Orientation
 - ProductView 9.0 - Annotations and Sectioning
 - Windchill 9.0 System Administration
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Introduction to Windchill ProjectLink 9.0

Course Code	TRN-WBT2138-S
Course Length	8 Hours

Overview

In this course, you will learn how to participate in and manage projects using Windchill ProjectLink 9.0. You will learn how to access and navigate the Windchill ProjectLink interface. This includes navigating and using your personal environment, the project environment, and the visualization environment. You will also learn how to manage document information, CAD information, and assigned tasks. You will also learn how to create and manage projects, which includes planning activities and milestones, assigning the project team, and setting up the folder storage structure. You will learn how to communicate with other team members using Windchill ProjectLink's collaboration tools. Lastly, you will learn how to create a program consisting of multiple projects, and a plan for managing the program.

At the end of each training day, Pro/FICIENCY skills assessments will be used to reinforce your understanding of the course topics. Your instructor will also use the results from the anonymous skills assessments as the basis for daily review sessions.

Prerequisites

- Basic browser and web navigation skills.
- Basic understanding of Project Management processes and deliverables.

Audience

This course is intended for both project participants and project managers using the ProjectLink application.

Topics

- Introduction to Project Management and the ProjectLink Environment
- Create folders and set access controls
- Create links and upload files
- Create documents from templates
- Create documents from Microsoft applications
- Create parts and product structures
- Mark up parts
- Communicate and collaborate with team members
- Schedule and host meetings
- Record meeting minutes
- Route objects and assign tasks
- Update activities and deliverables
- Complete tasks

- Generate reports
 - Assign and resolve action items
 - Design and implement projects
 - Plan and create projects
 - Establish teams and resources
 - Implement project plans
 - Import project plans using Microsoft Project
 - Create and manage project deliverables
 - Control project states
 - Monitor and control project status
 - Manage project objects
 - Create and implement a program containing multiple projects
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Table of Contents

Module 1	Application Orientation
Module 2	Creating and Managing the Project Environment
Module 3	Information Management
Module 4	Engineering Data Management
Module 5	Project Process Participation
Module 6	Communication and Collaboration
Module 7	Program and Project Networks

Introduction to ProductView 9.0

Course Code	TRN-WBT2140-S
Course Length	8 Hours

Overview

In this course, you will learn about ProductView tools and techniques that are most commonly used. Using the ProductView Standard client, you will learn how to locate and view models in Windchill and Pro/INTRALINK PDM solutions.

Through exercises, you will learn to use the ProductView Standard interface to orient and interrogate 3-D models, explode components, measure 2-D and 3-D geometry on models, section models, as well as annotate and mark-up models. You will also learn how to query model data and how to collaborate with other users regardless of physical location.

At the end of the course, a Pro/FICIENCY skills assessment will be used to reinforce your understanding of the course topics.

Prerequisites

- Introduction to Windchill PDMLink 9.0 or
- Introduction to Windchill ProjectLink 9.0

Audience

This course is intended for all enterprise data users that use the ProductView 9.0 standard client.

Topics

- Introduction to visualization
 - Orienting design models
 - Changing model appearances
 - Exploding model components
 - Introduction to construction geometry
 - Displaying dimensions
 - Measuring distances
 - Introduction to sectioning models
 - Introduction to annotations and mark-ups
 - Querying data
 - Viewing drawings
 - Collaborate in real-time online
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Table of Contents

Module 1	Introduction to Visualization
Module 2	Introduction to ProductView
Module 3	Collaborating Online with ProductView
Module 4	Creating Construction Geometry
Module 5	Creating Annotations
Module 6	Sectioning Models

Windchill 9.0 System Administration

Course Code	TRN-WBT2141-S
Course Length	24 Hours

Overview

In this course, you will learn how to install and configure Windchill system components, including PDMLink and ProjectLink. You will learn how to perform routine Windchill system administration tasks including how to shut down and start Windchill services, conduct performance testing, and tune up Windchill components for performance. You will also learn how to manage a distributed system environment and plan and run basic backup and recovery procedures. Other topics include managing system performance with Oracle 10g, managing memory and CPU allocation, troubleshooting background queues, and monitoring firewall activity and security.

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.

At the end of each day, you will complete Pro/FICIENCY skills assessment questions. 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 complete basic Windchill PDMLink tasks and activities, as well as have a better understanding of the Windchill PDMLink system implementation at your company.

Prerequisites

- Familiarity with the Windchill PDMLink 9.0 or Windchill ProjectLink 9.0 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.

Topics

- Identifying Windchill System Components
- Installing Windchill Components
- Performance Testing
- External File Storage
- Data Replication
- Workflow Performance Tuning
- Database Performance Tuning
- System Backup and Recovery
- Windchill Infrastructure Security

Table of Contents

Module 1	Identifying Windchill System Components
Module 2	Installing Windchill Components
Module 3	Managing Windchill Services
Module 4	Performance Testing
Module 5	External File Storage
Module 6	Data Replication
Module 7	Tuning Application Server
Module 8	Tuning Workflow Processes
Module 9	Oracle Performance Tuning
Module 10	Windchill Backup and Recovery
Module 11	Windchill Infrastructure Security

Windchill 9.0 Workflow Administration

Course Code	TRN-WBT2143-S
Course Length	16 Hours

Overview

In this course, you will learn Windchill Workflow features and how to design, configure and test workflow processes.

You will complete Pro/FICIENCY skills assessment questions for each module. 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 able to plan and configure workflow automation features to support your company's business processes.

Prerequisites

- Successful completion of Introduction to Windchill PDMLink 9.0, Introduction to Windchill ProjectLink 9.0, or Introduction to Arbortext Content Manager 9.0.
- Successful completion of Windchill PDMLink 9.0 Business Administration, Windchill ProjectLink 9.0 Business Administration, or Arbortext Content Manager 9.0 Business Administration.

Audience

This training course is intended for Windchill business administrators, and application developers.

Topics

- Using the Workflow Process Editor, Process Administrator, and Workflow Administrator to manage and maintain workflow templates and processes.
 - Creating manual and automated workflow activities.
 - Controlling process flow manually, administratively, and automatically.
 - Creating sub-processes and block processes.
 - Synchronizing workflows with other Windchill events and processes.
 - Configuring automated tasks in workflow processes.
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Table of Contents

Module 1	Using Workflow Tools
Module 2	Defining Manual Tasks
Module 3	Using Task Forms
Module 4	Controlling Process Flow
Module 5	Simplifying Complex Templates
Module 6	Automating Tasks

Windchill ProjectLink 9.0 - Application Orientation

Course Code	SAB-CEK2499
Course Length	1 Hour

Overview

In this course, you will learn the capabilities, features, and terminology of Windchill ProjectLink. You will also learn about the ProjectLink user interface and how to search for information. Finally, you will learn about accessing Help and setting your preferences.

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

After completing this course, you will be able to:

- Describe Windchill ProjectLink Users.
- Describe Windchill ProjectLink capabilities.
- Log on to Windchill ProjectLink.
- Explore the Windchill ProjectLink environment.
- Search for information.
- Access Help features.
- Set user preferences.

Prerequisites

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

Audience

This course is intended for any user that will create, modify, or read data stored within Windchill ProjectLink.

Topics

- Introduction to Windchill ProjectLink
 - Accessing and Exploring Windchill ProjectLink
 - Searching for Information
 - Accessing Help
 - Setting User Preferences
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Table of Contents

Module 1	Application Orientation
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Windchill ProjectLink 9.0 - Creating and Managing the Project Environment

Course Code	SAB-CEK2500
Course Length	1 Hour

Overview

In this course, you will learn how to function as a project manager within Windchill ProjectLink. You will learn about planning and creating projects, which means that you will create activities and milestones that define the project timeline. You will assign ownership responsibility of the activities and milestones to your project's team members. You also design a project storage structure, as well as configure access controls to that structure, so that only those with project roles that need access can view the folder contents. Finally, you will learn how to maintain the project from start to completion.

After you finish this course, you will complete Pro/FICIENCY skills assessment questions. These questions are used to help reinforce your understanding of the course topics. After completing this course, you will be able to:

- Plan projects in ProjectLink.
- Create projects in ProjectLink.
- Create activities, milestones, and summary activities.
- Create and manage project storage and access controls.
- Manage projects in ProjectLink.

Prerequisites

- Browser and Web navigation skills.
- Understanding of product development processes and deliverables.
- CAB-CEK2499 Windchill ProjectLink 8.0 - Application Orientation or its equivalent.

Audience

This course is intended for any user that will manage projects within Windchill ProjectLink.

Topics

- Planning and Creating Projects
 - Creating Activities, Milestones, and Summary Activities
 - Creating and Managing Project Storage and Access Controls
 - Managing Projects
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Table of Contents

Module 1	Creating and Managing the Project Environment
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Windchill ProjectLink 9.0 - Information Management

Course Code	SAB-CEK2501
Course Length	1 Hour

Overview

In this course, you will learn how to manage documents and links in ProjectLink. While project managers need to know these skills, it is also critical for project participants to know these skills. Hence, you will learn how to create documents in the ProjectLink folder structure. You will also learn document management techniques, such as check out and check in.

After you finish this course, you will complete Pro/FICIENCY skills assessment questions. These questions are used to help reinforce your understanding of the course topics. After completing this course, you will be able to:

- Create documents and links.
- Use desktop integration.
- Associate documents to deliverables.

Prerequisites

- Browser and Web navigation skills.
- Understanding of product development processes and deliverables.
- CAB-CEK2499 Windchill ProjectLink 8.0 - Application Orientation or its equivalent.

Audience

This course is intended for any user that will create and modify documents within Windchill ProjectLink.

Topics

- Creating Documents using Desktop Integration and ProjectLink.
 - Associating Documents to the Project Plan.
 - Creating Links.
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Table of Contents

Module 1	Information Management
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Windchill ProjectLink 9.0 - CAD Data Management

Course Code	SAB-CEK2502
Course Length	1 Hour

Overview

In this course, you will learn how to manage CAD information, including CAD documents and parts. You will learn how to create parts, part structures, and use workspaces and workgroup managers to integrate ProjectLink with your CAD application. You will learn how to upload, download, and modify CAD information in ProjectLink.

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

After completing this course, you will be able to:

- Create parts and CAD documents.
- Create and manipulate product structures.
- Load CAD files.

Prerequisites

- Browser and Web navigation skills.
- Understanding of product development processes and deliverables.
- CAB-CEK2501 Windchill ProjectLink 9.0 – Information Management or its equivalent.

Audience

This course is intended for any user that will create and modify CAD data or product structures within Windchill ProjectLink.

Topics

- Creating Parts.
 - Creating CAD Documents.
 - Creating Product Structures.
 - Loading CAD files.
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Table of Contents

Module 1	CAD Data Management
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Windchill ProjectLink 9.0 - Project Process Participation

Course Code	SAB-CEK2503
Course Length	1 Hour

Overview

In this course, you will learn how to complete your assigned tasks and how to manage your work. In many cases when you start a task, you may not complete it in one ProjectLink session, so you will also learn how to update your tasks. By updating your tasks, you let the project manager and other team members know your progress by communicating a color-coded status, a completion percentage, and an optional description. You will also learn to manage your work by creating bookmarks to frequently opened pages. You will learn how to upload files to your own private notebook in ProjectLink. You will also learn about subscribing to objects in ProjectLink, so that you are notified whenever a specific event occurs, relating to that object. Finally, you will learn about running reports on your work and your team's work.

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

After completing this course, you will be able to:

- Create and complete task assignments.
- Manage your work.

Prerequisites

- Browser and Web navigation skills.
- Understanding of product development processes and deliverables.
- CAB-CEK2500 Windchill ProjectLink 9.0 – Creating and Managing the Project Environment.

Audience

This course is intended for any user that will work on a Project Plan or complete activities within Windchill ProjectLink.

Topics

- Complete Tasks
 - Route Objects
 - Manage your notebook
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Table of Contents

Module 1	Project Process Participation
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Windchill ProjectLink 9.0 - Communication and Collaboration

Course Code	SAB-CEK2504
Course Length	1 Hour

Overview

In this course, you will learn how to use ProjectLink's communication and collaboration tools. ProjectLink's communication tools enable you to discuss projects or specific object topics. These are important because unlike e-mail, they enable everyone to read and reply to questions or ideas. If you have a specific question or idea for a small group of members, ProjectLink also has a specific link to e-mail pages to project participants. Finally, you can use ProductView to host online collaborative meetings, where participants can see and update changes to product models.

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

After completing this course, you will be able to:

- Communicate in discussion forums.
- E-mail ProjectLink pages.
- Conduct meetings.

Prerequisites

- Browser and Web navigation skills.
- Understanding of product development processes and deliverables.
- CAB-CEK2499 Windchill ProjectLink 9.0 – Application Orientation.

Audience

This course is intended for any user that participates in meetings or discussions within Windchill ProjectLink.

Topics

- Create and attend meetings.
 - Create and respond to discussions.
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Table of Contents

Module 1	Communication and Collaboration
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Windchill ProjectLink 9.0 - Program and Projects Networks Management

Course Code	SAB-CEK2505
Course Length	1 Hour

Overview

In this course, you will learn how to use ProjectLink's context network, which enables you to easily search and navigate multiple projects. The context network is used most frequently in program contexts, so you will also learn the capabilities and usage of ProjectLink programs. This knowledge will enable you to search and navigate related projects and programs with ease.

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

After completing this course, you will be able to:

- Describe the differences between a program and a project context.
- Create a network of contexts.
- Navigate contexts in a network.
- Search multiple contexts in a network.

Prerequisites

- Browser and Web navigation skills.
- Understanding of product development processes and deliverables.
- CAB-CEK2500 Windchill ProjectLink 9.0 – Creating and Managing the Project Environment.

Audience

This course is intended for users who manage multiple projects within Windchill ProjectLink.

Topics

- Create a context network.
 - Add folders, links, and contexts to the context network.
 - Navigate the context network.
 - Search the context network.
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Table of Contents

Module 1	Program and Project Networks
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ProductView 9.0 – Application Orientation

Course Code	SAB-CEK2506
Course Length	3 Hours

Overview

ProductView is the primary means to visualize data within PDMLink, ProjectLink, and Pro/INTRALINK. In this course, you will learn about the capabilities of the ProductView 9.0 standard client. You will learn how to launch ProductView from PDMLink though this same skill can also be applied to ProjectLink or Pro/INTRALINK. You will also learn how to use ProductView's capabilities on 3-D models and 2-D drawings. Finally, you will learn how to collaborate online in real-time using ProductView.

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

After completing this course, you will be able to:

- Identify visualization concepts.
- Define enterprise visualization use-case scenarios.
- Identify components in PTC's visualization system.
- Define the visualization workflow.
- Start ProductView from PDMLink.
- Identify components of the ProductView interface.
- Identify readable file types.
- Identify Product's basic and advanced capabilities.
- Apply ProductView's basic capabilities on CAD models and drawings.
- Define ProductView's collaboration methodology.
- Start an "ad hoc" collaboration session.
- Manage a collaboration session.

Prerequisites

- Basic browser and Web navigation skills.
- Basic understanding of product development processes and deliverables.
- Introduction to Windchill PDMLink 9.0 or
- Introduction to Windchill ProjectLink 9.0

Audience

This course is intended for any user that will view data stored within Windchill ProjectLink, Windchill PDMLink, or Pro/INTRALINK using the ProductView standard client.

Topics

- Identifying visualization concepts
- Defining enterprise visualization use-case scenarios
- Identifying components in PTC's visualization system
- Defining the visualization workflow

- Starting ProductView from PDMLink
 - Identifying components of the ProductView interface
 - Identifying readable file types
 - Identifying Product's basic and advanced capabilities
 - Applying ProductView's basic capabilities on CAD models and drawings
 - Defining ProductView's collaboration methodology
 - Starting an "ad hoc" collaboration session
 - Managing a collaboration session
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Table of Contents

Module 1	Introduction to Visualization
Module 2	Introduction to ProductView
Module 3	Collaborating Online with ProductView

ProductView 9.0 - Annotations and Sectioning

Course Code	SAB-CEK2507
Course Length	3 Hours

Overview

In this course, you will learn several different methods to create construction geometry. Construction geometry is useful when measuring distances, sectioning models, creating mark-ups, and creating constraints. You will learn how to create annotation sets within a PDM system, such as Windchill PDMLink or Windchill ProjectLink. You will also learn how to retrieve the annotation sets from the PDM system. Creating annotations is an important method for communicating design intent and design changes throughout the enterprise. Finally, you will learn advanced sectioning methods in ProductView. These methods enable you to easily create cross-sections of your models so that you can visualize internal components as well as profiles of the cut components.

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

After completing this course, you will be able to:

- Create construction points, axes, planes, and orientation frames.
- Set the pick target.
- Create annotation sets.
- Save annotation sets to a PDM system.
- Retrieve annotation sets from a PDM system.
- Section an assembly.
- Manipulate the section view.
- Set specific components to be sectioned.
- Create quarter-cut sections.

Prerequisites

- Basic browser and Web navigation skills.
- Basic understanding of product development processes and deliverables.
- SAB-CEK2506 ProductView 9.0 – Application Orientation or its equivalent.

Audience

This course is intended for any user that needs a more complete understanding of sectioning models and/or creating annotations.

Topics

- Creating construction points, axes, planes, and orientation frames
- Setting the pick target
- Creating annotation sets
- Saving annotation sets to a PDM system
- Retrieving annotation sets from a PDM system

- Sectioning an assembly
 - Manipulating the section view
 - Setting specific components to be sectioned
 - Creating quarter-cut sections
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Table of Contents

Module 1	Creating Construction Geometry
Module 2	Creating Annotations
Module 3	Sectioning Models

Windchill 9.0 System Administration

Course Code	SAB-CEK2728
Course Length	24 Hours

Overview

In this course, you will learn how to install and configure Windchill system components, including PDMLink and ProjectLink. You will learn how to perform routine Windchill system administration tasks including how to shut down and start Windchill services, conduct performance testing, and tune up Windchill components for performance. You will also learn how to manage a distributed system environment and plan and run basic backup and recovery procedures. Other topics include managing system performance with Oracle 10g, managing memory and CPU allocation, troubleshooting background queues, and monitoring firewall activity and security.

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.

At the end of each day, you will complete Pro/FICIENCY skills assessment questions. 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 complete basic Windchill PDMLink tasks and activities, as well as have a better understanding of the Windchill PDMLink system implementation at your company.

Prerequisites

- Familiarity with the Windchill PDMLink 9.0 or Windchill ProjectLink 9.0 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.

Topics

- Identifying Windchill System Components
- Installing Windchill Components
- Performance Testing
- External File Storage
- Data Replication
- Workflow Performance Tuning
- Database Performance Tuning
- System Backup and Recovery
- Windchill Infrastructure Security

Table of Contents

Module 1	Identifying Windchill System Components
Module 2	Installing Windchill Components
Module 3	Managing Windchill Services
Module 4	Performance Testing
Module 5	External File Storage
Module 6	Data Replication
Module 7	Tuning Application Server
Module 8	Tuning Workflow Processes
Module 9	Oracle Performance Tuning
Module 10	Windchill Backup and Recovery
Module 11	Windchill Infrastructure Security