Windchill PDMLink 9.0/9.1 
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/pdm_90.htm
Live Classroom Curriculum Guide

- Introduction to Windchill PDMLink 9.0/9.1
- Windchill PDMLink 9.0/9.1 Business Administration
- Introduction to ProductView 9.0
- Windchill 9.0/9.1 System Administration
- Windchill 9.0 Workflow Administration
- Customizing the Windchill 9.0 User Interface
- Pro/ENGINEER Data Management using Windchill PDMLink 9.0
- Introduction to Windchill MPMLink 9.0
- Migrating Pro/INTRALINK 3.4 Data to Windchill 9.0
- Update to Windchill PDMLink 9.0 from Pro/INTRALINK 3.4
- Introduction to ProductView MCAD Professional 9.1
- Introduction to Windchill MPMLink 9.1
- Pro/ENGINEER Data Management using Windchill PDMLink 9.1
- Performing an Upgrade to Windchill 9.1 from Windchill 8.0
Introduction to Windchill PDMLink 9.0/9.1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>TRN-2136-T</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Length</td>
<td>2 Days</td>
</tr>
</tbody>
</table>

Overview

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, manage information, use Windchill PDMLink’s visualization tools, manage assigned tasks, 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. These skills are important because they enable a user to apply Windchill PDMLink capabilities toward meeting a company’s Product Lifecycle Management goals.

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

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

Audience

This course is intended for End Users, System Administrators, Business Administrators and Application Developers. The topics in this course are also available as Web-based training courses.

Topics

- Application Orientation
- CAD Data Management
- Product Structure Management
- Configuration Management
- Document Management
- Work Management
- Change Management Orientation
- Change Management
- Communication and Collaboration
- Windchill 9.1 Enhancements
## Agenda

### Day 1

<table>
<thead>
<tr>
<th>Module</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Introduction to the Windchill PDMLink Environment</td>
</tr>
<tr>
<td>Module 2</td>
<td>Locating Product Information</td>
</tr>
<tr>
<td>Module 3</td>
<td>Viewing Product Information</td>
</tr>
<tr>
<td>Module 4</td>
<td>Initiating New Designs</td>
</tr>
<tr>
<td>Module 5</td>
<td>Sharing CAD Models</td>
</tr>
<tr>
<td>Module 6</td>
<td>Modifying CAD Models</td>
</tr>
<tr>
<td>Module 7</td>
<td>Fundamentals of Product Structures</td>
</tr>
<tr>
<td>Module 8</td>
<td>Creating Product Structures</td>
</tr>
<tr>
<td>Module 9</td>
<td>Introduction to Product Configuration Management</td>
</tr>
</tbody>
</table>

### Day 2

<table>
<thead>
<tr>
<th>Module</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 10</td>
<td>Managing Standard Documents</td>
</tr>
<tr>
<td>Module 11</td>
<td>Participating in Processes</td>
</tr>
<tr>
<td>Module 12</td>
<td>Managing Your Work</td>
</tr>
<tr>
<td>Module 13</td>
<td>Introduction to the Change Process</td>
</tr>
<tr>
<td>Module 14</td>
<td>Creating Change Requests</td>
</tr>
<tr>
<td>Module 15</td>
<td>Creating Change Notices</td>
</tr>
<tr>
<td>Module 16</td>
<td>Implementing Changes</td>
</tr>
<tr>
<td>Module 17</td>
<td>Communication and Collaboration</td>
</tr>
</tbody>
</table>
Windchill PDMLink 9.0/9.1 Business Administration

Course Code | TRN-2139-T
Course Length | 3 Days

Overview

In this course, you will learn how to perform basic Windchill PDMLink 9.0 and 9.1 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 are important because they enable a business administrator to configure Windchill PDMLink to meet business needs.

At the end of each module, 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 well prepared to set up and manage a basic Windchill PDMLink implementation at your company.

Prerequisites

- Introduction to Windchill PDMLink 9.0 instructor-led training course.
- Knowledge of your company’s content management business rules, business requirements, and existing business processes

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.

Topics

- Planning and creating user accounts and groups
- Planning and creating information storage locations: Products and Libraries
- Planning and configuring data management access control policies
- Planning and implementing data management templates
- Planning and configuring user notification of system events
- Managing data development and business processes through life cycles
- Managing product changes using PDMLink Change Manager features
- Working with Windchill PDMLink administration support tools
- Identify new user and administration preferences
- Enable packages and administer package roles
- Configure new object relationships
- Move objects between organizations and contexts
## Agenda

### Day 1

<table>
<thead>
<tr>
<th>Module 1</th>
<th>Introduction to Windchill PDMlink Business Administration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 2</td>
<td>Managing Principals</td>
</tr>
<tr>
<td>Module 3</td>
<td>Managing Objects, Object Types, and Object Attributes</td>
</tr>
<tr>
<td>Module 4</td>
<td>Managing Contexts</td>
</tr>
</tbody>
</table>

### Day 2

<table>
<thead>
<tr>
<th>Module 5</th>
<th>Automating Processes Using Life Cycles and Workflows</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 6</td>
<td>Managing Domain Policies and Access Control</td>
</tr>
<tr>
<td>Module 7</td>
<td>Managing Teams</td>
</tr>
<tr>
<td>Module 8</td>
<td>Managing Organization Templates</td>
</tr>
</tbody>
</table>

### Day 3

<table>
<thead>
<tr>
<th>Module 9</th>
<th>Managing Object Type Behavior</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 10</td>
<td>Managing Change</td>
</tr>
<tr>
<td>Module 11</td>
<td>Administrative Support Tools</td>
</tr>
</tbody>
</table>
Introduction to ProductView 9.0

<table>
<thead>
<tr>
<th>Course Code</th>
<th>TRN-2140-T</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Length</td>
<td>1 Day</td>
</tr>
</tbody>
</table>

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
# Agenda

## Day 1

<table>
<thead>
<tr>
<th>Module 1</th>
<th>Introduction to Visualization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 2</td>
<td>Introduction to ProductView</td>
</tr>
<tr>
<td>Module 3</td>
<td>Collaborating Online with ProductView</td>
</tr>
<tr>
<td>Module 4</td>
<td>Creating Construction Geometry</td>
</tr>
<tr>
<td>Module 5</td>
<td>Creating Annotations</td>
</tr>
<tr>
<td>Module 6</td>
<td>Sectioning Models</td>
</tr>
</tbody>
</table>
Windchill 9.0/9.1 System Administration

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 module, 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 review of any topics, if necessary.

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 9.0/9.1 or Windchill ProjectLink 9.0/9.1 user interface.
- Familiarity with the Windows command prompt and the ability to form and execute basic SQL statements.

Audience

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

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
- Windchill 9.1 System Administration Enhancements
## Agenda

### Day 1

<table>
<thead>
<tr>
<th>Module</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Identifying Windchill System Components</td>
</tr>
<tr>
<td>Module 2</td>
<td>Installing Windchill Components</td>
</tr>
<tr>
<td>Module 3</td>
<td>Managing Windchill Services</td>
</tr>
<tr>
<td>Module 4</td>
<td>Performance Testing</td>
</tr>
</tbody>
</table>

### Day 2

<table>
<thead>
<tr>
<th>Module</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 5</td>
<td>External File Storage</td>
</tr>
<tr>
<td>Module 6</td>
<td>Data Replication</td>
</tr>
<tr>
<td>Module 7</td>
<td>Tuning Application Server</td>
</tr>
<tr>
<td>Module 8</td>
<td>Tuning Workflow Processes</td>
</tr>
</tbody>
</table>

### Day 3

<table>
<thead>
<tr>
<th>Module</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 9</td>
<td>Oracle Performance Tuning</td>
</tr>
<tr>
<td>Module 10</td>
<td>Windchill Backup and Recovery</td>
</tr>
<tr>
<td>Module 11</td>
<td>Windchill Infrastructure Security</td>
</tr>
</tbody>
</table>
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.
# Agenda

## Day 1

<table>
<thead>
<tr>
<th>Module 1</th>
<th>Using Workflow Tools</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 2</td>
<td>Defining Manual Tasks</td>
</tr>
<tr>
<td>Module 3</td>
<td>Using Task Forms</td>
</tr>
</tbody>
</table>

## Day 2

<table>
<thead>
<tr>
<th>Module 4</th>
<th>Controlling Process Flow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 5</td>
<td>Simplifying Complex Templates</td>
</tr>
<tr>
<td>Module 6</td>
<td>Automating Tasks</td>
</tr>
</tbody>
</table>
Customizing the Windchill 9.0 User Interface

Course Code  TRN-2144-T
Course Length  5 Day's

Overview

In this course, you will learn how to customize the Windchill 9.0 user interface, including a practical sample customization which can be used immediately. You will learn both modifying existing Windchill pages and adding new pages, all using the Windchill client architecture (WCA). All data retrieval will be performed via Info*Engine. You will learn about querying and creating data with Info*Engine, modifying Windchill display text, understanding file structure and key files used in the Windchill client architecture. You will learn how to use Info*Engine to query for information and the creation of objects in Windchill. Additionally, you will identify, describe and use Windchill client architectural components, and configure and customize the Windchill client UI.

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.

Prerequisites

- A Windchill Business Administration course, such as PDMLink 9.0 Business Administration.
- Ability to author Java applications and applets.
- Completion of the following free JSP sample tutorials or equivalent knowledge:
  - [http://java.sun.com/j2ee/1.4/docs/tutorial/doc/JSPIntro.html](http://java.sun.com/j2ee/1.4/docs/tutorial/doc/JSPIntro.html)
  - [http://jsptut.com](http://jsptut.com)
- Completion of the following free JSTL sample tutorials or equivalent knowledge:

Audience

This course is intended for customers who intend to customize the Windchill user interface.

Topics

- Configuring Windchill Display Text
- Info*Engine Overview
- Info*Engine Webobjects and Tasks
- The Info*Engine Task Editor
- Dynamic Data
- Java, JSP, and Tasks
- Transactions
- Industry Standard UI Technologies
• Windchill Client Architecture
• Adding Actions
• Display a Basic Table
• Attributes
• Trees and Tables
• Constructing Wizards
• Incorporating Pickers
## Agenda

### Day 1

<table>
<thead>
<tr>
<th>Module 1</th>
<th>Configuring Windchill Display Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 2</td>
<td>Info*Engine Overview</td>
</tr>
<tr>
<td>Module 3</td>
<td>Info*Engine Webjects and Tasks</td>
</tr>
<tr>
<td>Module 4</td>
<td>The Info*Engine Task Editor</td>
</tr>
</tbody>
</table>

### Day 2

<table>
<thead>
<tr>
<th>Module 5</th>
<th>Dynamic Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 6</td>
<td>Java, JSP and Tasks</td>
</tr>
<tr>
<td>Module 7</td>
<td>Transactions</td>
</tr>
<tr>
<td>Module 5</td>
<td>Dynamic Data</td>
</tr>
</tbody>
</table>

### Day 3

<table>
<thead>
<tr>
<th>Module 8</th>
<th>Industry Standard UI Technologies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 9</td>
<td>Windchill Client Architecture</td>
</tr>
<tr>
<td>Module 10</td>
<td>Adding Actions</td>
</tr>
</tbody>
</table>

### Day 4

<table>
<thead>
<tr>
<th>Module 11</th>
<th>Display a Basic Table</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 12</td>
<td>Attributes</td>
</tr>
<tr>
<td>Module 13</td>
<td>Trees and Tables</td>
</tr>
</tbody>
</table>

### Day 5

<table>
<thead>
<tr>
<th>Module 14</th>
<th>Constructing Wizards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 15</td>
<td>Incorporating Pickers</td>
</tr>
</tbody>
</table>
Pro/ENGINEER Data Management using Windchill PDMLink 9.0

Overview

In this course, you will learn key capabilities and features of PDMLink CAD Data Management and how to use PDMLink to manage Pro/ENGINEER design information. Specifically, you will focus on the day-to-day data management tasks required by the Pro/ENGINEER user community, including how to associate the Pro/ENGINEER CAD data structure to the eBOM. You will also learn how to use PDMLink to perform basic functions on the eBOM objects and Pro/ENGINEER CAD Documents.

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 this course, you will be prepared to complete basic PDMLink CAD data management tasks and activities, as well as having a better understanding of PDMLink CAD data management processes.

Prerequisites

- Working knowledge of Pro/ENGINEER Wildfire 3.0.

Audience

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

Topics

- Introduction to the PDMLink Environment
- Locating Information
- Viewing Information
- Getting Started with Pro/ENGINEER Data Management
- Initiating New Designs and Sharing Design Information
- Modifying and Managing Design Information
- Understanding File Relationships and Dependencies
- Managing Family Tables
- Managing the Workspace Environment
- Participating in Processes
- Managing Your Work
## Agenda

### Day 1

<table>
<thead>
<tr>
<th>Module</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Getting Started with Pro/ENGINEER Data Management</td>
</tr>
<tr>
<td>Module 2</td>
<td>Initiating New Designs and Sharing Design Information</td>
</tr>
<tr>
<td>Module 3</td>
<td>Modifying and Managing Design Information</td>
</tr>
<tr>
<td>Module 4</td>
<td>Understanding File Relationships and Dependencies</td>
</tr>
<tr>
<td>Module 5</td>
<td>Managing Family Tables</td>
</tr>
<tr>
<td>Module 6</td>
<td>Managing the Workspace Environment</td>
</tr>
</tbody>
</table>
Introduction to Windchill MPMLink 9.0

Course Code  TRN-2159-T
Course Length  2 Days

Overview

In this course, you will learn how to complete basic Windchill MPMLink functions. You will learn about MPMLink in the context of Manufacturing Process Management (MPM). You will also learn how to access and navigate the Windchill MPMLink environment, manage information, use Windchill MPMLink’s visualization tools, and manage manufacturing changes attributed to product development. Other topics include how to use Windchill MPMLink to transform eBOMs to one or more mBOMs, create process plans that consume the mBOM, create and manage manufacturing resources and standards, and how to enable communication and collaboration with product development. These skills are important because they enable a user to apply Windchill MPMLink capabilities toward meeting a company’s MPM goals.

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.

Prerequisites

- T2136-090 Introduction to Windchill PDMLink 9.0

Audience

This course is intended for End Users, System Administrators, Business Administrators and Application Developers. The topics in this course are also available as Web-based training courses.

Topics

- Manufacturing Process Management Introduction
- Application Orientation
- Transforming eBOM to mBOM
- Creating Process Plans
- Creating and Managing Manufacturing Resources
- Creating and Managing Manufacturing Standards
# Agenda

## Day 1

<table>
<thead>
<tr>
<th>Module 1</th>
<th>Introduction to MPM and MPMLink</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 2</td>
<td>Introduction to the Windchill MPMLink Environment</td>
</tr>
<tr>
<td>Module 3</td>
<td>Introduction to Manufacturing Resources and Manufacturing Standards</td>
</tr>
<tr>
<td>Module 4</td>
<td>Transforming eBOM to mBOM</td>
</tr>
<tr>
<td>Module 5</td>
<td>Creating the Process Plans</td>
</tr>
</tbody>
</table>

## Day 2

<table>
<thead>
<tr>
<th>Module 6</th>
<th>Refining the Process Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 7</td>
<td>Finalizing the Process Plan</td>
</tr>
<tr>
<td>Module 8</td>
<td>Creating and Managing Manufacturing Resources</td>
</tr>
<tr>
<td>Module 9</td>
<td>Creating and Managing Manufacturing Standards</td>
</tr>
</tbody>
</table>
Migrating Pro/INTRALINK 3.4 Data to Windchill 9.0

Course Code: TRN-2160-T
Course Length: 2 Day's

Overview

In this course, you will learn how to perform a production migration from Pro/INTRALINK 3.x to the Windchill™ architecture. You will also learn how to conduct a migration effort properly, including planning, preparing the systems for migration, practicing the migration, and conducting the production migration. Lastly, you will discuss post migration tasks.

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

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

Prerequisites

- You must be a system administrator for a production Pro/INTRALINK 3.x system at their site.
- You must have taken one of the following courses:
  - Pro/INTRALINK 8.0 Business Administration
  - Pro/INTRALINK 9.0 Business Administration
  - PDMLink 8.0 Business Administration
  - PDMLink 9.0 Business Administration

Audience

This course is designed for customers who have chosen to lead a migration from Pro/INTRALINK 3.x to one of the following products:

- Pro/INTRALINK 8.0 or 9.0.
- Windchill PDMLink 8.0 or 9.0.

Note: This class is primarily for migrations to Windchill 9.0. However, if you are migrating to Windchill 8.0, all the skills learned in this course are relevant. Demonstrations and labs will be based upon Windchill 9.0, but all skills learned are easily applied to Windchill 8.0.

Topics

- Overview of the Migration Process
- Planning a Migration
- Preparing the Source and Target Systems for Migration
- Installing the Pro/INTRALINK Data Migrator
- Identifying and Resolving Data Conflicts
- Performing a Rehearsal Migration
- Performing a Production Migration
- Migrating WTParts (Migrations to Windchill PDMLink only)
## Agenda

### Day 1

<table>
<thead>
<tr>
<th>Module</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Process Overview</td>
</tr>
<tr>
<td>Module 2</td>
<td>Planning a Migration</td>
</tr>
<tr>
<td>Module 3</td>
<td>Preparing the Systems for Migration</td>
</tr>
<tr>
<td>Module 4</td>
<td>Installing the Pro/INTRALINK Data Migrator</td>
</tr>
</tbody>
</table>

### Day 2

<table>
<thead>
<tr>
<th>Module</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 5</td>
<td>Data Mapping</td>
</tr>
<tr>
<td>Module 6</td>
<td>Identifying and Resolving Conflicts</td>
</tr>
<tr>
<td>Module 7</td>
<td>Conducting a Full Migration</td>
</tr>
<tr>
<td>Module 8</td>
<td>Migrating WTParts to PDMLink</td>
</tr>
</tbody>
</table>
Update to Windchill PDMLink 9.0 from Pro/INTRALINK 3.4

Course Code | TRN-2188-T
Course Length | 2 Days

Overview

In this course, you will learn how to complete basic PDMLink functions including how to access and navigate the PDMLink environment, locate and view product information, complete assigned tasks, as well as use PDMLink’s communication and collaboration tools. You will also learn the key capabilities and features of PDMLink CAD Data Management and how to use PDMLink to manage Pro/ENGINEER design information. Specifically, you will focus on the day-to-day data management tasks required by the Pro/ENGINEER user community.

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 prepared to complete basic PDMLink tasks and activities, manage Pro/ENGINEER design information, as well as have a better understanding of the PDMLink system implementation at your company.

Prerequisites

- Basic browser and Web navigation skills.
- Basic understanding of Product Data Management processes and deliverables.
- Working knowledge of Pro/ENGINEER Wildfire 3.0.

Audience

This course is intended for users who need to manage Pro/ENGINEER design information with Windchill PDMLink. The topics in this course are also available as Web-based training courses.

Topics

- Introduction to the Windchill PDMLink Environment
- Locating Product Information
- Viewing Product Information
- Getting Started with Pro/ENGINEER Data Management
- Initiating New Designs and Sharing Design Information
- Modifying and Managing Design Information
- Understanding File Relationships and Dependencies
- Managing Family Tables
- Managing the Workspace Environment
- Participating in Processes
- Managing Your Work
- Communication and Collaboration
## Agenda

### Day 1

<table>
<thead>
<tr>
<th>Module 1</th>
<th>Introduction to the Windchill PDMLink Environment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 2</td>
<td>Locating Product Information</td>
</tr>
<tr>
<td>Module 3</td>
<td>Viewing Product Information</td>
</tr>
<tr>
<td>Module 4</td>
<td>Getting Started with Pro/ENGINEER Data Management</td>
</tr>
<tr>
<td>Module 5</td>
<td>Initiating New Designs and Sharing Design Information</td>
</tr>
<tr>
<td>Module 6</td>
<td>Modifying and Managing Design Information</td>
</tr>
</tbody>
</table>

### Day 2

<table>
<thead>
<tr>
<th>Module 7</th>
<th>Understanding File Relationships and Dependencies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 8</td>
<td>Managing Family Tables</td>
</tr>
<tr>
<td>Module 9</td>
<td>Managing the Workspace Environment</td>
</tr>
<tr>
<td>Module 10</td>
<td>Participating in Processes</td>
</tr>
<tr>
<td>Module 11</td>
<td>Managing Your Work</td>
</tr>
<tr>
<td>Module 12</td>
<td>Communication and Collaboration</td>
</tr>
</tbody>
</table>
Introduction to ProductView MCAD Professional 9.1

Course Code  TRN-2206-T
Course Length  1 Day

Overview

In this course, you will learn about ProductView 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. You will also learn how to deconstruct models to view how components fit together. Finally, you will learn how to create annotations to communicate design ideas and problems.

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 9.0/9.1 or
- Introduction to Windchill ProjectLink 9.0/9.1

Audience

This course is intended for all enterprise data users that use the ProductView MCAD Professional client.

Topics

- Introduction to visualization
- Introduction to the ProductView user interface
- Navigating and orienting 3-D models
- Querying data and searching for model components
- Changing model appearances
- Exploding model components
- Sectioning models
- Introduction to annotations and mark-ups
- Measuring distances and displaying dimensions
- Introduction to construction geometry
- Working with drawings, images, and documents
# Agenda

## Day 1

<table>
<thead>
<tr>
<th>Module</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Introduction to Visualization</td>
</tr>
<tr>
<td>Module 2</td>
<td>Getting Around in ProductView</td>
</tr>
<tr>
<td>Module 3</td>
<td>Viewing and Interrogating a ProductView Model</td>
</tr>
<tr>
<td>Module 4</td>
<td>Deconstructing a ProductView Model</td>
</tr>
<tr>
<td>Module 5</td>
<td>Annotating a ProductView Model</td>
</tr>
<tr>
<td>Module 6</td>
<td>Working with Construction Geometry</td>
</tr>
<tr>
<td>Module 7</td>
<td>Working with Product Structure and Model Parts</td>
</tr>
<tr>
<td>Module 8</td>
<td>Working with Drawings, Images, and Documents</td>
</tr>
</tbody>
</table>
Introduction to Windchill MPMLink 9.1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>TRN-2207-T</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Length</td>
<td>2 Days</td>
</tr>
</tbody>
</table>

Overview

In this course, you will learn how to complete basic Windchill MPMLink functions. You will learn about MPMLink in the context of Manufacturing Process Management (MPM). You will also learn how to access and navigate the Windchill MPMLink environment, manage information, use Windchill MPMLink's visualization tools, and manage manufacturing changes attributed to product development. Other topics include how to use Windchill MPMLink to transform eBOMs to one or more mBOMs, and create process plans that consume the mBOM.

At the end of each module, 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 review sessions.

Prerequisites

- T2136-090 Introduction to Windchill PDMLink 9.0

Audience

This course is intended for End Users, System Administrators, Business Administrators and Application Developers. The topics in this course are also available as Web-based training courses.

Topics

- Manufacturing Process Management Introduction
- Application Orientation
- Transforming eBOM to mBOM
- Creating Process Plans
- Managing Process Plans
# Agenda

## Day 1

<table>
<thead>
<tr>
<th>Module 1</th>
<th>Introduction to MPM and MPMLink</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 2</td>
<td>Introduction to the Windchill MPMLink Environment</td>
</tr>
<tr>
<td>Module 3</td>
<td>Introduction to Manufacturing Resources and Manufacturing Standards</td>
</tr>
<tr>
<td>Module 4</td>
<td>Transforming eBOM to mBOM</td>
</tr>
</tbody>
</table>

## Day 2

<table>
<thead>
<tr>
<th>Module 5</th>
<th>Creating the Process Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 6</td>
<td>Refining the Process Plan</td>
</tr>
<tr>
<td>Module 7</td>
<td>Finalizing the Process Plan</td>
</tr>
</tbody>
</table>
Pro/ENGINEER Data Management using Windchill PDMLink 9.1

Overview

In this course, you will learn key capabilities and features of PDMLink CAD Data Management and how to use PDMLink to manage Pro/ENGINEER design information. Specifically, you will focus on the day-to-day data management tasks required by the Pro/ENGINEER user community, including how to associate the Pro/ENGINEER CAD data structure to the eBOM. You will also learn how to use PDMLink to perform basic PDM functions on Pro/ENGINEER CAD Documents and their associated eBOM objects. The course materials are designed to replace modules 4, 5, and 6 of the Introduction to Windchill PDMLink 9.0 course or all modules of Windchill PDMLink 9.0 – CAD Data Management course for students who must share and manage Pro/ENGINEER design data in PDMLink.

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 this course, you will be prepared to complete basic PDMLink CAD data management tasks and activities, as well as having a better understanding of PDMLink CAD data management processes.

Prerequisites

- T2136 (Introduction to Windchill PDMLink 9.0) or SAB-CEK2491 (Windchill PDMLink 9.0 - Application Orientation).
- Working knowledge of Pro/ENGINEER Wildfire 4.0.

Audience

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

Topics

- Locating Information
- Viewing Information
- Initiating New Designs and Sharing Design Information
- Modifying and Managing Design Information
- Understanding File Relationships and Dependencies
- Managing Family Tables
- Windchill parts and their association to CAD documents
- Understand the PDMLink 9.1 Pro/ENGINEER Data Management enhancements
## Agenda

### Day 1

<table>
<thead>
<tr>
<th>Module</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Getting Started with Pro/ENGINEER Data Management</td>
</tr>
<tr>
<td>Module 2</td>
<td>Initiating New Designs and Sharing Design Information</td>
</tr>
<tr>
<td>Module 3</td>
<td>Modifying and Managing Design Information</td>
</tr>
<tr>
<td>Module 4</td>
<td>Understanding File Relationships and Dependencies</td>
</tr>
<tr>
<td>Module 5</td>
<td>Managing Family Tables</td>
</tr>
<tr>
<td>Module 6</td>
<td>Managing the Workspace Environment</td>
</tr>
<tr>
<td>Module 7</td>
<td>PDMLink 9.1 Pro/ENGINEER Data Management Enhancements</td>
</tr>
</tbody>
</table>
Performing an Upgrade to Windchill 9.1 from Windchill 8.0

<table>
<thead>
<tr>
<th>Course Code</th>
<th>TRN-T2255-T</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Length</td>
<td>1 Day</td>
</tr>
</tbody>
</table>

**Overview**

In this course, you will learn how to perform an upgrade from Windchill 8.0 to Windchill 9.1. This includes planning, setting up the migration environment, performing pre-upgrade activities, conducting the upgrade, and performing post-upgrade activities.

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

**Prerequisites**

- You must be a system administrator for a production Windchill system at the client site.
- You must have taken a Windchill System Administration course or have equivalent knowledge.
- You must have taken a Windchill Business Administration course or have equivalent knowledge.

**Audience**

This course is designed for customers who have chosen to lead a Windchill upgrade effort.

Note: This class is primarily for migrations to Windchill 9.1 from Windchill 8.0. However, the skills are relevant to upgrades involving other versions of Windchill.

**Topics**

- Describe the difference between an upgrade and a migration.
- Describe the Windchill upgrade paths and configurations.
- Identify the steps in the upgrade roadmap.
- Locate PTC resources to help with upgrades.
- Describe the steps required to configure the upgrade environment to reflect the production environment.
- Identify customizations required by the upgrade manager.
- Describe the pre-upgrade manager steps to prepare for the execution of the Upgrade Manager.
- Identify, install, and execute pre-upgrade manager tools.
- Connect the target system to the source directory server branch.
- Connect the target system to the source database.
- Describe the purpose and usage of the Upgrade Manager.
- Describe the effect of each Upgrade Manager step.
- Describe the Upgrade Manager’s reports.
- Troubleshoot and fix upgrade issues.
- Describe the Post-Upgrade Manager step required when using the Upgrade Manager.
- Validate and document the upgraded system.
# Agenda

**Day 1**

<table>
<thead>
<tr>
<th>Module</th>
<th>Session Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Upgrade Definition and Roadmap</td>
</tr>
<tr>
<td>Module 2</td>
<td>Pre-Upgrade Activities</td>
</tr>
<tr>
<td>Module 3</td>
<td>Upgrade Activities</td>
</tr>
<tr>
<td>Module 4</td>
<td>Post-Upgrade Activities</td>
</tr>
</tbody>
</table>
Web Based Curriculum Guide

- Windchill PDMLink 9.0 - Application Orientation
- Windchill PDMLink 9.0 - CAD Data Management
- Windchill PDMLink 9.0 - Product Structure Management
- Windchill PDMLink 9.0 - Standard Document Management
- Windchill PDMLink 9.0 - Work Environment Management
- Windchill PDMLink 9.0 - Communication and Collaboration
- Windchill PDMLink 9.0 - Change Management Orientation
- Windchill PDMLink 9.0 - Change Management
- Windchill PDMLink 9.0/9.1 - Windchill 9.1 Enhancements and New Functionality
- Windchill PDMLink 9.0 - System Orientation
- Windchill PDMLink 9.0/9.1 Business Administration
- ProductView 9.0 - Application Orientation
- ProductView 9.0 - Annotations and Sectioning
- Windchill 9.0/9.1 System Administration
- Pro/ENGINEER Data Management using Windchill PDMLink 9.0
- Windchill MPMLink 9.0 - Application Orientation
- Windchill MPMLink 9.0 - Developing Process Plans
- Windchill MPMLink 9.0 - Managing Manufacturing Resources and Standards
- Migrating Pro/INTRALINK 3.4 Data to Windchill 9.0
- Update to Windchill PDMLink 9.0 from Pro/INTRALINK 3.4
- Introduction to ProductView MCAD Professional 9.1
- Introduction to Windchill MPMLink 9.1
- Pro/ENGINEER Data Management using Windchill PDMLink 9.1
- Performing an Upgrade to Windchill 9.1 from Windchill 8.0
- Windchill 9.0 Customization Overview
- Windchill ProjectLink 9.0 and Windchill PDMLink 9.0 Collaboration
- ECAD Data Management using Windchill PDMLink 9.0
- ECAD Visualization for Windchill 9.1
- Unigraphics Data Management using Windchill PDMLink 9.0
- SolidWorks Data Management using Windchill PDMLink 9.0
- CATIA Data Management using Windchill PDMLink 9.0
- AutoCAD Data Management using Windchill PDMLink 9.0
• Pro/ENGINEER Data Management Update from Windchill PDMLink 8.0 to 9.0

• Using Windchill PDMLink 9.1 for Information Viewers

• Using Windchill PDMLink 9.1 for Document Editors and Authors

• Using Windchill PDMLink 9.1 for Reviewers and Approvers

• Using Windchill PDMLink 9.1 for Pro/ENGINEER Users

• Using Windchill PDMLink 9.1 for Manufacturing Engineers

• Using Windchill PDMLink 9.1 for Managers

• Using Windchill PDMLink 9.1 for Configuration Managers

• Using Windchill PDMLink 9.1 for Engineers

• Using Windchill RequirementsLink 9.1 for Requirements Viewers

• Using Windchill RequirementsLink 9.1 for Requirements Authors

• Windchill PDMLink 9.1 - Application Orientation

• Windchill PDMLink 9.1 - Pro/ENGINEER Data Management

• Windchill PDMLink 9.1 - Product Structure Management

• Windchill PDMLink 9.1 - Standard Document Management

• Windchill PDMLink 9.1 - Visualization with ProductView Lite

• Windchill PDMLink 9.1 - Change Management
Windchill PDMLink 9.1 - Common Windchill Tasks

Pro/ENGINEER Data Management Update from Windchill PDMLink 8.0 to 9.1

Windchill PDMLink 9.1 ECAD Data Management

Windchill PDMLink 9.1 - CATIA Data Management

Windchill PDMLink 9.1 - Unigraphics Data Management

Windchill PDMLink 9.1 - SolidWorks Data Management

Windchill PDMLink 9.1 - AutoCAD Data Management

Windchill PDMLink 9.1 - ECAD Visualization

Update to Windchill PDMLink 9.1 from Windchill PDMLink 8.0

Displaying Windchill 9.0/9.1 Reports with Cognos 8

Windchill ProjectLink 9.1 - Project Data Management

Windchill ProjectLink 9.1 and Windchill PDMLink 9.1 Collaboration

Windchill PDMLink 9.1 - Arbortext Document Management

Using Windchill PDMLink 9.1 for ECAD Users

Using Windchill PDMLink 9.1 for CATIA Users

Using Windchill PDMLink 9.1 for Unigraphics Users

Using Windchill PDMLink 9.1 for SolidWorks Users
• Using Windchill PDMLink 9.1 for AutoCAD Users

• Using Windchill PDMLink 9.1 for Arbortext Document Editors and Authors
Windchill PDMLink 9.0 - Application Orientation

<table>
<thead>
<tr>
<th>Course Code</th>
<th>SAB-CEK2491</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Length</td>
<td>3 Hours</td>
</tr>
</tbody>
</table>

Overview

In this Windchill PDMLink 9.0 – Application Orientation course, you will learn basic skills required to access and view information, such as: logging on, accessing help, and locating and viewing product information.

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.

After completing this course, you will be able to:
- Describe the essential elements and benefits of PDM and Windchill PDMLink.
- Log on to PDMLink and navigate within its interface.
- Locate and view product information within Windchill PDMLink.
- Annotate visualization representations of products.

Prerequisites

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

Audience

This course is intended for any user that needs to access product information residing within the Windchill PDMLink system.

Topics

- Introduction to the PDMLink Environment
- Locating Product Information
- Viewing Product Information
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Introduction to the Windchill PDMLink Environment</td>
</tr>
<tr>
<td>Module 2</td>
<td>Locating Product Information</td>
</tr>
<tr>
<td>Module 3</td>
<td>Viewing Product Information</td>
</tr>
</tbody>
</table>
Windchill PDMLink 9.0 - CAD Data Management

Course Code: SAB-CEK2492
Course Length: 3 Hours

Overview

In this course, you will learn the basic skills necessary for using Windchill PDMLink 9.0 to manage CAD data. Windchill PDMLink supports the management of CAD data authored in many applications such as: Pro/ENGINEER Wildfire, AutoCAD, CATIA, Solidworks, or Unigraphics. This course focuses on Pro/ENGINEER Wildfire, but many of the concepts apply to all of the CAD applications above.

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:

- Initiate new CAD designs.
- Set up workspaces.
- Share CAD models by uploading them to Windchill PDMLink.
- Modify CAD models stored in Windchill PDMLink.

Prerequisites

- Basic browser and Web navigation skills
- Basic understanding of product development processes and deliverables
- CEK-2491 Windchill PDMLink 9.0 – Application Orientation or its equivalent

Audience

This course is intended for any user that will create and modify CAD data stored within Windchill PDMLink.

Topics

- Initiating New Designs
- Sharing CAD Models
- Modifying CAD Models
## Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Initiating New Designs</td>
</tr>
<tr>
<td>Module 2</td>
<td>Sharing CAD Models</td>
</tr>
<tr>
<td>Module 3</td>
<td>Modifying CAD Models</td>
</tr>
</tbody>
</table>
Windchill PDMlink 9.0 - Product Structure Management

Course Code  SAB-CEK2493
Course Length  3 Hours

Overview

In this course, you will learn basic skills necessary for performing typical product structure management tasks using Windchill PDMLink 9.0. You will learn fundamental productivity skills, such as, creating and modifying parts and product structures. You will also learn basic product structure configuration management skills, such as: baselining, creating new view versions, and creating configurations and instances of product structures.

After finishing 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 PDMLink’s product structure management capabilities.
• Create end items and parts.
• Assemble product structures.
• Describe Windchill PDMLink’s product structure configuration management capabilities.
• Baseline product structures.
• Create new view versions of product structures.
• Create BOM notes.
• Create end item configurations and instances from product structures.
• Export BOM data.

Prerequisites

• Basic browser and Web navigation skills
• Basic understanding of product development processes and deliverables
• SAB-CEK2491 Windchill PDMLink 9.0 – Application Orientation
• SAB-CEK2492 Windchill PDMLink 9.0 – CAD Data Management

Audience

This course is intended for any user that will manage or view product structure configurations within Windchill PDMLink.

Topics

• Fundamentals of Product Structures
• Creating Product Structure
• Product Configuration Management
## Table of Contents

<table>
<thead>
<tr>
<th>Module 1</th>
<th>Fundamentals of Product Structures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 2</td>
<td>Creating Product Structures</td>
</tr>
<tr>
<td>Module 3</td>
<td>Introduction to Product Configuration Management</td>
</tr>
</tbody>
</table>
Windchill PDMLink 9.0 - Standard Document Management

<table>
<thead>
<tr>
<th>Course Code</th>
<th>SAB-CEK2494</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Length</td>
<td>1 Hour</td>
</tr>
</tbody>
</table>

Overview

In this course, you will learn the basic skills necessary to perform typical document management tasks using Windchill PDMLink 9.0. You will learn document management skills, such as creating and modifying documents, with and without Desktop Integration.

After finishing the course, you will complete Pro/FICENCY 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 modify documents.

Prerequisites

- Basic browser and Web navigation skills.
- Basic understanding of product development processes and deliverables.
- SAB-CEK2491 Windchill PDMLink 9.0 – Application Orientation.

Audience

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

Topics

- Creating Documents
- Creating Multiple Documents
- Modifying Documents
- Reviewing Desktop Integration
## Table of Contents

| Module 1 | Managing Standard Documents |
Windchill PDMLink 9.0 - Work Environment Management

<table>
<thead>
<tr>
<th>Course Code</th>
<th>SAB-CEK2495</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Length</td>
<td>2 Hours</td>
</tr>
</tbody>
</table>

Overview

In this course, you will learn the basic skills necessary to manage your work environment within Windchill PDMLink 9.0. You will learn how to effectively manage your tasks and objects in Windchill PDMLink.

After finishing 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:

- Promote objects through basic and advanced life cycles.
- Manage your work using worklists, notebooks, and subscriptions.

Prerequisites

- Basic browser and Web navigation skills
- Basic understanding of product development processes and deliverables
- SAB-CEK2491 Windchill PDMLink 9.0 – Application Orientation
- Any one of the following:
  - SAB-CEK2492 Windchill PDMLink 9.0 – CAD Data Management
  - SAB-CEK2493 Windchill PDMLink 9.0 – Product Structure Management
  - SAB-CEK2494 Windchill PDMLink 9.0 – Standard Document Management

Audience

This course is intended for any user that will create and manage objects within Windchill PDMLink, and participate in life cycle processes of those objects.

Topics

- Participating in Processes
- Managing Your Work
# Table of Contents

<table>
<thead>
<tr>
<th>Module 1</th>
<th>Participating in Processes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 2</td>
<td>Managing Your Work</td>
</tr>
</tbody>
</table>
Windchill PDMLink 9.0 - Communication and Collaboration

Course Code  | SAB-CEK2496
Course Length | 1 Hour

Overview

In this course, you will learn about many of the communication tools within Windchill PDMLink 9.0, and how to participate in forums and meetings.

After finishing 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:

- Discuss objects.
- Schedule and host meetings.

Prerequisites

- Basic browser and Web navigation skills
- Basic understanding of product development processes and deliverables
- SAB-CEK2491 Windchill PDMLink 9.0 – Application Orientation

Audience

This course is intended for any user that will communicate and collaborate using Windchill PDMLink’s built in forum and meeting capabilities.

Topics

- Communication and Collaboration
## Table of Contents

| Module 1 | Communication and Collaboration |
Windchill PDMLink 9.0 - Change Management Orientation

<table>
<thead>
<tr>
<th>Course Code</th>
<th>SAB-CEK2497</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Length</td>
<td>1 Hour</td>
</tr>
</tbody>
</table>

Overview

In this course, you will learn about change management capabilities in Windchill PDMLink 9.0. You will review the closed loop change process that is the foundation of Windchill PDMLink's Change Management feature. You will also learn how to report problems and monitor the progress of changes.

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

After completing this course, you will be able to:

- Describe Windchill PDMLink’s Change Management capabilities.
- Report problems using Product Reports.
- Monitor changes.

Prerequisites

- Basic browser and Web navigation skills
- Basic understanding of product development processes and deliverables
- SAB-CEK2491 Windchill PDMLink 9.0 – Application Orientation

Audience

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

Topics

- Introduction to the Change Process
Table of Contents

Module 1  Introduction to the Change Process
Overview

In this course, you will further explore the out-of-the-box change management capabilities of Windchill PDMLink 9.0. You will review the entire fast track change process, taking multiple roles while creating a change request, a change notice, and completing implementation tasks.

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

After completing this course, you will be able to:

- Create change requests.
- Create change notices.
- Implement changes.

Prerequisites

- Basic browser and Web navigation skills
- Basic understanding of product development processes and deliverables
- SAB-CEK2491 Windchill PDMLink 9.0 – Application Orientation
- SAB-CEK2497 Windchill PDMLink 9.0 – Change Management Orientation

Audience

This course is intended for any user that needs to interact with product change information and change activities within the Windchill PDMLink Change Management system.

Topics

- Create change requests.
- Create change notices.
- Implement changes.
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Creating Change Requests</td>
</tr>
<tr>
<td>Module 2</td>
<td>Creating Change Notices</td>
</tr>
<tr>
<td>Module 3</td>
<td>Implementing Changes</td>
</tr>
</tbody>
</table>
Windchill PDMLink 9.0/9.1 - Windchill 9.1
Enhancements and New Functionality

Course Code: SAB-CEK2931
Course Length: 1 Hour

Overview

In this module, you will learn about Windchill 9.1 enhancements. After completing this module, you will be well prepared to configure some of the latest enhancements to your Windchill Application.

After completing this course, you will be able to:

- Use Windchill table enhancements.
- Use multi-object manipulation capability.
- Use packages.
- Modify non-latest objects.
- Identify security labels.

Prerequisites

- Basic browser and Web navigation skills
- Basic understanding of product development processes and deliverables
- SAB-CEK2491 Windchill PDMLink 9.0 – Application Orientation

Audience

This course is intended for any user that uses Windchill PDMLink 9.1.

Topics

- Use Windchill table enhancements.
- Use multi-object manipulation capability.
- Use packages.
- Modify non-latest objects.
- Identify security labels.
Table of Contents

Module 1  Windchill 9.1 Enhancements
Windchill PDMLink 9.0 - System Orientation

Course Code  SAB-CEK2642
Course Length  4 Hours

Overview
In this Windchill PDMLink 9.0 – System Orientation course, you will learn basic skills required to access and view information, such as: logging on, accessing help, and locating and viewing product information. You will also learn about Windchill PDMLink basic architecture, administrative terminology, data management in the Windchill PDMLink business environment, and the steps required to plan an implementation of Windchill PDMLink 9.0 at your company.

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.

After completing this course, you will be able to:
- Describe the essential elements and benefits of PDM and Windchill PDMLink.
- Log on to PDMLink and navigate within its interface.
- Locate and view product information within Windchill PDMLink.
- Annotate visualization representations of products.
- Understand basic Windchill PDMLink 9.0 component architecture and terminology.
- Explain the role of the Business Administrator.
- Identify the data to be managed.
- Understand the processes involved in defining your company’s business environment.
- Plan the implementation strategy for your business environment.

Prerequisites
- Basic browser and Web navigation skills.

Audience
This course is intended for System Administrators.

Topics
- Introduction to the PDMLink Environment
- Locating Product Information
- Viewing Product Information
  1. Introduction to Windchill PDMLink Business Administration
# Table of Contents

<table>
<thead>
<tr>
<th>Module 1</th>
<th>Introduction to the PDMLink Environment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 2</td>
<td>Locating Product Information</td>
</tr>
<tr>
<td>Module 3</td>
<td>Viewing Product Information</td>
</tr>
<tr>
<td>Module 4</td>
<td>Introduction to Windchill PDMLink Business Administration</td>
</tr>
</tbody>
</table>
Windchill PDMLink 9.0/9.1 Business Administration

Course Code | SAB-CEK2689
Course Length | 11 Hours

Overview

In this course, you will learn how to perform basic Windchill PDMLink 9.0 and 9.1 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 are important because they enable a business administrator to configure Windchill PDMLink to meet business needs.

At the end of each module, 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 well prepared to set up and manage a basic Windchill PDMLink implementation at your company.

Prerequisites

- Introduction to Windchill PDMLink 9.0 instructor-led training course.
- Knowledge of your company’s content management business rules, business requirements, and existing business processes

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.

Topics

- Planning and creating user accounts and groups
- Planning and creating information storage locations: Products and Libraries
- Planning and configuring data management access control policies
- Planning and implementing data management templates
- Planning and configuring user notification of system events
- Managing data development and business processes through life cycles
- Managing product changes using PDMLink Change Manager features
- Working with Windchill PDMLink administration support tools
- Identify new user and administration preferences
- Enable packages and administer package roles
- Configure new object relationships
- Move objects between organizations and contexts
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Introduction to Windchill PDMlink Business Administration</td>
</tr>
<tr>
<td>2</td>
<td>Managing Principals</td>
</tr>
<tr>
<td>3</td>
<td>Managing Objects, Object Types, and Object Attributes</td>
</tr>
<tr>
<td>4</td>
<td>Managing Contexts</td>
</tr>
<tr>
<td>5</td>
<td>Automating Processes using Life Cycles and Workflows</td>
</tr>
<tr>
<td>6</td>
<td>Managing Domain Policies and Access Control</td>
</tr>
<tr>
<td>7</td>
<td>Managing Teams</td>
</tr>
<tr>
<td>8</td>
<td>Managing Organization Templates</td>
</tr>
<tr>
<td>9</td>
<td>Managing Object Type Behavior</td>
</tr>
<tr>
<td>10</td>
<td>Managing Change</td>
</tr>
<tr>
<td>11</td>
<td>Administrative Support Tools</td>
</tr>
<tr>
<td>A</td>
<td>Windchill 9.1 Business Administration Enhancements</td>
</tr>
</tbody>
</table>
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
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Introduction to Visualization</td>
</tr>
<tr>
<td>Module 2</td>
<td>Introduction to ProductView</td>
</tr>
<tr>
<td>Module 3</td>
<td>Collaborating Online with ProductView</td>
</tr>
</tbody>
</table>
ProductView 9.0 - Annotations and Sectioning

<table>
<thead>
<tr>
<th>Course Code</th>
<th>SAB-CEK2507</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Length</td>
<td>3 Hours</td>
</tr>
</tbody>
</table>

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
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Creating Construction Geometry</td>
</tr>
<tr>
<td>Module 2</td>
<td>Creating Annotations</td>
</tr>
<tr>
<td>Module 3</td>
<td>Sectioning Models</td>
</tr>
</tbody>
</table>
Windchill 9.0/9.1 System Administration

Course Code | SAB-CEK2728
Course Length | 11 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 module, 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 review of any topics, if necessary.

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 9.0/9.1 or Windchill ProjectLink 9.0/9.1 user interface.
- Familiarity with the Windows command prompt and the ability to form and execute basic SQL statements.

Audience

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

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
- Windchill 9.1 System Administration Enhancements
## Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Identifying Windchill System Components</td>
</tr>
<tr>
<td>Module 2</td>
<td>Installing Windchill Components</td>
</tr>
<tr>
<td>Module 3</td>
<td>Managing Windchill Services</td>
</tr>
<tr>
<td>Module 4</td>
<td>Performance Testing</td>
</tr>
<tr>
<td>Module 5</td>
<td>External File Storage</td>
</tr>
<tr>
<td>Module 6</td>
<td>Data Replication</td>
</tr>
<tr>
<td>Module 7</td>
<td>Tuning Application Server</td>
</tr>
<tr>
<td>Module 8</td>
<td>Tuning Workflow Processes</td>
</tr>
<tr>
<td>Module 9</td>
<td>Oracle Performance Tuning</td>
</tr>
<tr>
<td>Module 10</td>
<td>Windchill Backup and Recovery</td>
</tr>
<tr>
<td>Module 11</td>
<td>Windchill Infrastructure Security</td>
</tr>
<tr>
<td>Appendix A</td>
<td>Windchill 9.1 System Administration Enhancements</td>
</tr>
</tbody>
</table>
Pro/ENGINEER Data Management using Windchill PDMLink 9.0

Course Code: SAB-CEK2727
Course Length: 8 Hours

Overview

In this course, you will learn key capabilities and features of PDMLink CAD Data Management and how to use PDMLink to manage Pro/ENGINEER design information. Specifically, you will focus on the day-to-day data management tasks required by the Pro/ENGINEER user community, including how to associate the Pro/ENGINEER CAD data structure to the eBOM. You will also learn how to use PDMLink to perform basic functions on the eBOM objects and Pro/ENGINEER CAD Documents.

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 this course, you will be prepared to complete basic PDMLink CAD data management tasks and activities, as well as having a better understanding of PDMLink CAD data management processes.

Prerequisites

- Working knowledge of Pro/ENGINEER Wildfire 3.0.

Audience

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

Topics

- Introduction to the PDMLink Environment
- Locating Information
- Viewing Information
- Getting Started with Pro/ENGINEER Data Management
- Initiating New Designs and Sharing Design Information
- Modifying and Managing Design Information
- Understanding File Relationships and Dependencies
- Managing Family Tables
- Managing the Workspace Environment
- Participating in Processes
- Managing Your Work
Table of Contents

<table>
<thead>
<tr>
<th>Module 1</th>
<th>Getting Started with Pro/ENGINEER Data Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 2</td>
<td>Initiating New Designs and Sharing Design Information</td>
</tr>
<tr>
<td>Module 3</td>
<td>Modifying and Managing Design Information</td>
</tr>
<tr>
<td>Module 4</td>
<td>Understanding File Relationships and Dependencies</td>
</tr>
<tr>
<td>Module 5</td>
<td>Managing Family Tables</td>
</tr>
<tr>
<td>Module 6</td>
<td>Managing the Workspace Environment</td>
</tr>
</tbody>
</table>
Windchill MPMLink 9.0 - Application Orientation

<table>
<thead>
<tr>
<th>Course Code</th>
<th>SAB-CEK2643</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Length</td>
<td>2 Hours</td>
</tr>
</tbody>
</table>

**Overview**

In this Windchill MPMLink 9.0 - Application Orientation course, you will learn about MPMLink in the context of Manufacturing Process Management (MPM). You will also learn about the Windchill MPMLink architecture and how to access and navigate the Windchill MPMLink environment.

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.

After completing this course, you will be able to:
- Understand how Windchill MPMLink enables MPM.
- Access the Windchill MPMLink explorers.
- Navigate within the MPMLink explorers and tabs.

**Prerequisites**

- SAB-CEK2491-090 Windchill PDMLink 9.0 – Application Orientation
- SAB-CEK2494-090 Windchill PDMLink 9.0 – Standard Document Management
- SAB-CEK2496-090 Windchill PDMLink 9.0 – Communication and Collaboration
- SAB-CEK2497-090 Windchill PDMLink 9.0 – Change Management Orientation

**Audience**

This course is intended for End Users, System Administrators, Business Administrators and Application Developers.

**Topics**

- MPM Introduction
- How MPMLink Enables MPM
- Current MPM Challenges
- MPMLink Architecture
- Purpose and Features of the MPMLink Objects
- Accessing the MPMLink Explorers
- Navigation within the MPMLink Explorers and Task Tabs
- Setting MPMLink Explorer Preferences
# Table of Contents

<table>
<thead>
<tr>
<th>Module 1</th>
<th>Introduction to MPM and MPMLink</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 2</td>
<td>Introduction to the Windchill MPMLink Environment</td>
</tr>
</tbody>
</table>
Windchill MPMLink 9.0 - Developing Process Plans

Course Code | SAB-CEK2644
Course Length | 5 Hours

Overview

In this Windchill MPMLink 9.0 - Developing Process Plans course, you will learn about the aspects of creating and modifying process plans. You will learn how to create an mBOM with associativity to the eBOM, how to create a process plan related to the mBOM, and how to make changes to the mBOM and process plan based upon a design change. You will also learn how to access and use the manufacturing resource and manufacturing standards libraries.

After finishing the course, you will complete Pro/FIClENCY 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:

- Transform an eBOM into an mBOM.
- Create and modify process plans.
- View a time and cost calculation.
- View the work instructions.

Prerequisites

- SAB-CEK2643-090 Windchill MPMLink 9.0 – Application Orientation

Audience

This course is intended for End Users, System Administrators, Business Administrators and Application Developers.

Topics

- Manufacturing Product Structure Explorer
- Process Plan Explorer
- Create an mBOM from an eBOM
- Use of Views and Equivalent Links to Enable Simultaneous Product and Process Development
- Develop a Process Plan with Multiple Operations
- Allocate Manufacturing Resources
- Associate Manufacturing Capabilities
- Attach Auxiliary Files to Operations
- Allocate Parts to the Operations
- View the Equivalent Link and BOM Allocation Status Indicators
## Table of Contents

<table>
<thead>
<tr>
<th>Module 1</th>
<th>Introduction to Manufacturing Resources and Manufacturing Standards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 2</td>
<td>Transforming eBOM to mBOM</td>
</tr>
<tr>
<td>Module 3</td>
<td>Creating the Process Plan</td>
</tr>
<tr>
<td>Module 4</td>
<td>Refining the Process Plan</td>
</tr>
<tr>
<td>Module 5</td>
<td>Finalizing the Process Plan</td>
</tr>
</tbody>
</table>
Windchill MPMLink 9.0 - Managing Manufacturing Resources and Standards

<table>
<thead>
<tr>
<th>Course Code</th>
<th>SAB-CEK2645</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Length</td>
<td>2 Hours</td>
</tr>
</tbody>
</table>

**Overview**

In this Windchill MPMLink 9.0 - Managing Manufacturing Resources and Standards course, you will learn about creating, organizing, and maintaining the Manufacturing Resource and Manufacturing Standards libraries. 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. After completing this course, you will be able to:

- Create a Manufacturing Resource library.
- Create Manufacturing Resource equivalent parts.
- Link the Manufacturing Resources to the equivalent parts.
- Create a Manufacturing Standards library.

**Prerequisites**

- SAB-CEK2643-090 Windchill MPMLink 9.0 – Application Orientation

**Audience**

This course is intended for End Users, System Administrators, Business Administrators and Application Developers.

**Topics**

- Manufacturing Resource Explorer
- Manufacturing Resource Types
- Manufacturing Resource Equivalent Parts
- ProductView for Windchill MPMLink Integration with Manufacturing Resources
- Manufacturing Resource Representations
- Compatibility Links
- Manufacturing Standards Explorer
- Manufacturing Capability
# Table of Contents

<table>
<thead>
<tr>
<th>Module 1</th>
<th>Creating and Managing Manufacturing Resources</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 2</td>
<td>Creating and Managing Manufacturing Standards</td>
</tr>
</tbody>
</table>
Migrating Pro/INTRALINK 3.4 Data to Windchill 9.0

Course Code: SAB-CEK2751  
Course Length: 16 Hours

Overview

In this course, you will learn how to perform a production migration from Pro/INTRALINK 3.x to the Windchill™ architecture. You will also learn how to conduct a migration effort properly, including planning, preparing the systems for migration, practicing the migration, and conducting the production migration. Lastly, you will discuss post migration tasks.

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

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

Prerequisites

- You must be a system administrator for a production Pro/INTRALINK 3.x system at their site.
- You must have taken one of the following courses:
  - Pro/INTRALINK 8.0 Business Administration
  - Pro/INTRALINK 9.0 Business Administration
  - PDMLink 8.0 Business Administration
  - PDMLink 9.0 Business Administration

Audience

This course is designed for customers who have chosen to lead a migration from Pro/INTRALINK 3.x to one of the following products:

- Pro/INTRALINK 8.0 or 9.0.
- Windchill PDMLink 8.0 or 9.0.

Note: This class is primarily for migrations to Windchill 9.0. However, if you are migrating to Windchill 8.0, all the skills learned in this course are relevant. Demonstrations and labs will be based upon Windchill 9.0, but all skills learned are easily applied to Windchill 8.0.

Topics

- Overview of the Migration Process
- Planning a Migration
- Preparing the Source and Target Systems for Migration
- Installing the Pro/INTRALINK Data Migrator
- Identifying and Resolving Data Conflicts
- Performing a Rehearsal Migration
- Performing a Production Migration
- Migrating WTParts (Migrations to Windchill PDMLink only)
### Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Process Overview</td>
</tr>
<tr>
<td>Module 2</td>
<td>Planning a Migration</td>
</tr>
<tr>
<td>Module 3</td>
<td>Preparing the Systems for Migration</td>
</tr>
<tr>
<td>Module 4</td>
<td>Installing the Pro/INTRALINK Data Migrator</td>
</tr>
<tr>
<td>Module 5</td>
<td>Data Mapping</td>
</tr>
<tr>
<td>Module 6</td>
<td>Identifying and Resolving Conflicts</td>
</tr>
<tr>
<td>Module 7</td>
<td>Conducting a Full Migration</td>
</tr>
<tr>
<td>Module 8</td>
<td>Migrating WTParts to PDMLink</td>
</tr>
</tbody>
</table>
Update to Windchill PDMLink 9.0 from Pro/INTRALINK 3.4

Course Code | SAB-CEK2739
Course Length | 16 Hours

Overview

In this course, you will learn how to complete basic PDMLink functions including how to access and navigate the PDMLink environment, locate and view product information, complete assigned tasks, as well as use PDMLink’s communication and collaboration tools. You will also learn the key capabilities and features of PDMLink CAD Data Management and how to use PDMLink to manage Pro/ENGINEER design information. Specifically, you will focus on the day-to-day data management tasks required by the Pro/ENGINEER user community.

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 prepared to complete basic PDMLink tasks and activities, manage Pro/ENGINEER design information, as well as have a better understanding of the PDMLink system implementation at your company.

Prerequisites

- Basic browser and Web navigation skills.
- Basic understanding of Product Data Management processes and deliverables.
- Working knowledge of Pro/ENGINEER Wildfire 3.0.

Audience

This course is intended for users who need to manage Pro/ENGINEER design information with Windchill PDMLink. The topics in this course are also available as Web-based training courses.

Topics

- Introduction to the Windchill PDMLink Environment
- Locating Product Information
- Viewing Product Information
- Getting Started with Pro/ENGINEER Data Management
- Initiating New Designs and Sharing Design Information
- Modifying and Managing Design Information
- Understanding File Relationships and Dependencies
- Managing Family Tables
- Managing the Workspace Environment
- Participating in Processes
- Managing Your Work
- Communication and Collaboration
<table>
<thead>
<tr>
<th>Module</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Introduction to the Windchill PDMLink Environment</td>
</tr>
<tr>
<td>Module 2</td>
<td>Locating Product Information</td>
</tr>
<tr>
<td>Module 3</td>
<td>Viewing Product Information</td>
</tr>
<tr>
<td>Module 4</td>
<td>Getting Started with Pro/ENGINEER Data Management</td>
</tr>
<tr>
<td>Module 5</td>
<td>Initiating New Designs and Sharing Design Information</td>
</tr>
<tr>
<td>Module 6</td>
<td>Modifying and Managing Design Information</td>
</tr>
<tr>
<td>Module 7</td>
<td>Understanding File Relationships and Dependencies</td>
</tr>
<tr>
<td>Module 8</td>
<td>Managing Family Tables</td>
</tr>
<tr>
<td>Module 9</td>
<td>Managing the Workspace Environment</td>
</tr>
<tr>
<td>Module 10</td>
<td>Participating in Processes</td>
</tr>
<tr>
<td>Module 11</td>
<td>Managing Your Work</td>
</tr>
<tr>
<td>Module 12</td>
<td>Communication and Collaboration</td>
</tr>
</tbody>
</table>
Introduction to ProductView MCAD Professional 9.1

Course Code | SAB-CEK2919
---|---
Course Length | 8 Hours

Overview

In this course, you will learn about ProductView 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. You will also learn how to deconstruct models to view how components fit together. Finally, you will learn how to create annotations 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.

Prerequisites

- Introduction to Windchill PDMLink 9.0/9.1 or
- Introduction to Windchill ProjectLink 9.0/9.1

Audience

This course is intended for all enterprise data users that use the ProductView MCAD Professional client.

Topics

- Introduction to visualization
- Introduction to the ProductView user interface
- Navigating and orienting 3-D models
- Querying data and searching for model components
- Changing model appearances
- Exploding model components
- Sectioning models
- Introduction to annotations and mark-ups
- Measuring distances and displaying dimensions
- Introduction to construction geometry
- Working with drawings, images, and documents
- Share and collaborate using ProductView files
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Introduction to Visualization</td>
</tr>
<tr>
<td>Module 2</td>
<td>Getting Around in ProductView</td>
</tr>
<tr>
<td>Module 3</td>
<td>Viewing and Interrogating a ProductView Model</td>
</tr>
<tr>
<td>Module 4</td>
<td>Deconstructing a ProductView Model</td>
</tr>
<tr>
<td>Module 5</td>
<td>Annotating a ProductView Model</td>
</tr>
<tr>
<td>Module 6</td>
<td>Working with Construction Geometry</td>
</tr>
<tr>
<td>Module 7</td>
<td>Working with Product Structure and Model Parts</td>
</tr>
<tr>
<td>Module 8</td>
<td>Working with Drawings, Images, and Documents</td>
</tr>
</tbody>
</table>
Introduction to Windchill MPMLink 9.1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>SAB-CEK2920</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Length</td>
<td>16 Hours</td>
</tr>
</tbody>
</table>

Overview

In this course, you will learn how to complete basic Windchill MPMLink functions. You will learn about MPMLink in the context of Manufacturing Process Management (MPM). You will also learn how to access and navigate the Windchill MPMLink environment, manage information, use Windchill MPMLink’s visualization tools, and manage manufacturing changes attributed to product development. Other topics include how to use Windchill MPMLink to transform eBOMs to one or more mBOMs, and create process plans that consume the mBOM.

At the end of each module, 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 review sessions.

Prerequisites

- T2136-090 Introduction to Windchill PDMLink 9.0

Audience

This course is intended for End Users, System Administrators, Business Administrators and Application Developers. The topics in this course are also available as Web-based training courses.

Topics

- Manufacturing Process Management Introduction
- Application Orientation
- Transforming eBOM to mBOM
- Creating Process Plans
- Managing Process Plans
### Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Introduction to MPM and MPMLink</td>
</tr>
<tr>
<td>Module 2</td>
<td>Introduction to the Windchill MPMLink Environment</td>
</tr>
<tr>
<td>Module 3</td>
<td>Introduction to Manufacturing Resources and Manufacturing Standards</td>
</tr>
<tr>
<td>Module 4</td>
<td>Transforming eBOM to mBOM</td>
</tr>
<tr>
<td>Module 5</td>
<td>Creating the Process Plan</td>
</tr>
<tr>
<td>Module 6</td>
<td>Refining the Process Plan</td>
</tr>
<tr>
<td>Module 7</td>
<td>Finalizing the Process Plan</td>
</tr>
</tbody>
</table>
Pro/ENGINEER Data Management using Windchill PDMLink 9.1

Course Code: SAB-CEK2939
Course Length: 8 Hours

Overview

In this course, you will learn key capabilities and features of PDMLink CAD Data Management and how to use PDMLink to manage Pro/ENGINEER design information. Specifically, you will focus on the day-to-day data management tasks required by the Pro/ENGINEER user community, including how to associate the Pro/ENGINEER CAD data structure to the eBOM. You will also learn how to use PDMLink to perform basic PDM functions on Pro/ENGINEER CAD Documents and their associated eBOM objects. The course materials are designed to replace modules 4, 5, and 6 of the Introduction to Windchill PDMLink 9.0 course or all modules of Windchill PDMLink 9.0 – CAD Data Management course for students who must share and manage Pro/ENGINEER design data in PDMLink.

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 this course, you will be prepared to complete basic PDMLink CAD data management tasks and activities, as well as having a better understanding of PDMLink CAD data management processes.

Prerequisites

- T2136 (Introduction to Windchill PDMLink 9.0) or SAB-CEK2491 (Windchill PDMLink 9.0 - Application Orientation).
- Working knowledge of Pro/ENGINEER Wildfire 4.0.

Audience

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

Topics

- Locating Information
- Viewing Information
- Initiating New Designs and Sharing Design Information
- Modifying and Managing Design Information
- Understanding File Relationships and Dependencies
- Managing Family Tables
- Windchill parts and their association to CAD documents
- Understand the PDMLink 9.1 Pro/ENGINEER Data Management enhancements
Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Getting Started with Pro/ENGINEER Data Management</td>
</tr>
<tr>
<td>Module 2</td>
<td>Initiating New Designs and Sharing Design Information</td>
</tr>
<tr>
<td>Module 3</td>
<td>Modifying and Managing Design Information</td>
</tr>
<tr>
<td>Module 4</td>
<td>Understanding File Relationships and Dependencies</td>
</tr>
<tr>
<td>Module 5</td>
<td>Managing Family Tables</td>
</tr>
<tr>
<td>Module 6</td>
<td>Managing the Workspace Environment</td>
</tr>
<tr>
<td>Module 7</td>
<td>PDMLink 9.1 Pro/ENGINEER Data Management Enhancements</td>
</tr>
</tbody>
</table>
Performing an Upgrade to Windchill 9.1 from Windchill 8.0

Course Code: SAB-CEK3222
Course Length: 8 Hours

Overview

In this course, you will learn how to perform an upgrade from Windchill 8.0 to Windchill 9.1. This includes planning, setting up the migration environment, performing pre-upgrade activities, conducting the upgrade, and performing post-upgrade activities.

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

Prerequisites

- You must be a system administrator for a production Windchill system at the client site.
- You must have taken a Windchill System Administration course or have equivalent knowledge.
- You must have taken a Windchill Business Administration course or have equivalent knowledge.

Audience

This course is designed for customers who have chosen to lead a Windchill upgrade effort.

Note: This class is primarily for migrations to Windchill 9.1 from Windchill 8.0. However, the skills are relevant to upgrades involving other versions of Windchill.

Topics

- Describe the difference between an upgrade and a migration.
- Describe the Windchill upgrade paths and configurations.
- Identify the steps in the upgrade roadmap.
- Locate PTC resources to help with upgrades.
- Describe the steps required to configure the upgrade environment to reflect the production environment.
- Identify customizations required by the upgrade manager.
- Describe the pre-upgrade manager steps to prepare for the execution of the Upgrade Manager.
- Identify, install, and execute pre-upgrade manager tools.
- Connect the target system to the source directory server branch.
- Connect the target system to the source database.
- Describe the purpose and usage of the Upgrade Manager.
- Describe the effect of each Upgrade Manager step.
- Describe the Upgrade Manager’s reports.
- Troubleshoot and fix upgrade issues.
- Describe the Post-Upgrade Manager step required when using the Upgrade Manager.
- Validate and document the upgraded system.
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Upgrade Definition and Roadmap</td>
</tr>
<tr>
<td>Module 2</td>
<td>Pre-Upgrade Activities</td>
</tr>
<tr>
<td>Module 3</td>
<td>Upgrade Activities</td>
</tr>
<tr>
<td>Module 4</td>
<td>Post-Upgrade Activities</td>
</tr>
</tbody>
</table>
Windchill 9.0 Customization Overview

<table>
<thead>
<tr>
<th>Course Code</th>
<th>SAB-CEK2374</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Length</td>
<td>1 Hour</td>
</tr>
</tbody>
</table>

Overview

In this course, you will learn what customization technologies and techniques exist for Windchill 9.0, what each technology should be used to accomplish, and be able to choose which customization technique to use for your implementation.

After completing this course, you will be able to choose which customization technology is required. You will also know where to get information about how to implement each customization technology.

Prerequisites

- An introduction course to any Windchill product or equivalent experience is required.
- A business administration course for any Windchill product is recommended.

Audience

This course is intended for individuals responsible for the technical implementation or planning of a Windchill customization effort.

Topics

- Windchill Customization Technologies
Table of Contents

<table>
<thead>
<tr>
<th>Module 1</th>
<th>Windchill Customization Technologies</th>
</tr>
</thead>
</table>


Windchill ProjectLink 9.0 and Windchill PDMLink 9.0 Collaboration

Overview

In this Windchill ProjectLink 9.0 and Windchill PDMLink 9.0 Collaboration course, you will explore concepts that will help you understand the advantages of the integrated Windchill PDMLink and Windchill ProjectLink environment. You will also explore the environment and learn how to send Windchill PDMLink data to a project, and how to use Windchill ProjectLink data within a Windchill PDMLink context. Also, you will learn how to use context networks to share data and enable searches across application contexts in the same network.

At the end of each module 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 understand and navigate within the integrated environment, use Windchill PDMLink data in Windchill ProjectLink, and use Windchill ProjectLink data in Windchill PDMLink.

Prerequisites

- T2136-090 Introduction to Windchill ProjectLink 9.0 or the WBT equivalents.
- T2138-090 Introduction to Windchill PDMLink 9.0 or the WBT equivalents.

Audience

The target audience for this course consists of users that will be using an integrated environment and already understand how to use both Windchill PDMLink 9.0 and Windchill ProjectLink 9.0.

Topics

- Introduction to the Windchill ProjectLink and Windchill PDMLink Integrated Environment.
- Using Windchill PDMLink data in a Windchill ProjectLink Project.
- Using Windchill ProjectLink Project Data in Windchill PDMLink.
## Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Introduction to the Windchill ProjectLink and Windchill PDMLink Integrated Environment</td>
</tr>
<tr>
<td>Module 2</td>
<td>Using Windchill PDMLink data in a Windchill ProjectLink Project</td>
</tr>
<tr>
<td>Module 3</td>
<td>Using Windchill ProjectLink Project Data in Windchill PDMLink</td>
</tr>
</tbody>
</table>
ECAD Data Management using Windchill PDMLink 9.0

Course Code  SAB-CEK2382
Course Length  2.5 Hours

Overview

This Web-based training will explore Workgroup Manager for ECAD, an optional Windchill add-on for ECAD data management. Workgroup Manager for ECAD is a Java application that communicates with the Windchill server to access or store electronic design data. It provides an ECAD-application integration to the Windchill PDMLink and Windchill ProjectLink. The Workgroup Manager for ECAD enables Windchill users to directly manage engineering information and create structures and assemblies in an integrated PDM environment.

In this course, you will learn how to build enterprise-level product information by creating association links between ECAD objects (boards, assemblies, schematics, and file groups) and Windchill objects.

You will also learn about general tasks, such as searching, checking out, updating, and checking in the ECAD data. You will learn how to perform the client-side Workgroup Manager setup.

At the end of the 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 understand the main features of the Workgroup Manager, configure Workgroup Manager, and manage ECAD data using the Workgroup Manager for ECAD.

Prerequisites

- T2136-080 Introduction to Windchill PDMLink 9.0 or the WBT equivalents
- Working knowledge of any ECAD application, such as Cadence

Audience

The target audience for this course consists of users who will be manipulating the ECAD data using the Workgroup Manager for ECAD, and already understand how to use Windchill PDMLink 9.0 or ProjectLink 9.0.

Topics

- Understanding the general capabilities of Windchill Workgroup Manager for ECAD.
- Learning about the key benefits of Workgroup Manager for ECAD.
- Reviewing InterComm integration with Workgroup Manager
- Identifying the supported ECAD applications
- Completing the client side configuration of the Workgroup Manager
- Accessing Windchill from the Workgroup Manager
- Searching for ECAD data stored in Windchill database
- Storing the ECAD data in Windchill PDMLink or ProjectLink
- Modifying the ECAD data in Windchill PDMLink
• Managing the local cache
• Managing user preferences
• Identifying hooks
## Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>ECAD Data Management Overview</td>
</tr>
<tr>
<td>Module 2</td>
<td>Installing and Configuring Workgroup Manager for ECAD</td>
</tr>
<tr>
<td>Module 3</td>
<td>Managing ECAD Data</td>
</tr>
</tbody>
</table>
ECAD Visualization for Windchill 9.1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>SAB-CEK2383</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Length</td>
<td>3 Hours</td>
</tr>
</tbody>
</table>

Overview

This Web-based training class demonstrates the key capabilities and features of the Windchill ECAD visualization. In this course, you will learn various data manipulation tasks such as searching, creating annotations, performing measurements, and cross-highlighting between board and schematic. You will also learn how to compare two versions of an ECAD design and explore the differences. Moreover, the data exchange between the InterComm viewables and native ECAD authoring tools is also discussed.

After completing this course, you will be able to understand the main features of the InterComm Expert, EDAConduit, ProductView ECAD Compare, and ProductView ECAD Validate.

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

Prerequisites

- None

Audience

The target audience for this course consists of users that will be manipulating ECAD data using the Windchill visualization capabilities for ECAD designs, and already understand how to use Windchill PDMLink 9.1 or ProjectLink 9.1.

Topics

- Electronic Product Development Process
- InterComm Products Overview
- Viewing Design Information in Windchill
- InterComm Expert Features and Benefits
- ProductView ECAD Compare Overview
- ProductView ECAD Validate Overview
- Comparing ECAD Designs
- EDAConduit Overview
- Features of EDAConduit
- Cross-Highlighting between Expert and Allegro PCB
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Introduction to ECAD Visualization</td>
</tr>
<tr>
<td>Module 2</td>
<td>Viewing and Analyzing ECAD Designs</td>
</tr>
<tr>
<td>Module 3</td>
<td>Comparing ECAD Designs</td>
</tr>
<tr>
<td>Module 4</td>
<td>Exchanging Electronic Markups</td>
</tr>
</tbody>
</table>
Unigraphics Data Management using Windchill PDMLink 9.0

Course Code: SAB-CEK2385
Course Length: 4 Hours

Overview

The Unigraphics Data Management using Windchill PDMLink 9.0 course provides the basic skills necessary for using the Workgroup Manager to manage Unigraphics NX design data. In this course, you will learn how about installation, configuration, and the basic operations to upload, check in, and check out NX design information from PDMLink. The course materials are designed to replace modules 4, 5 and 6 of the Introduction to Windchill PDMLink 9.0 course or all modules of Windchill PDMLink 9.0 – CAD Data Management course for students who must share and manage NX design data 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.

After completing this course, you will be able to:

• Complete basic PDMLink tasks and activities.
• Manage Unigraphics design information.
• Have a better understanding of the PDMLink system implementation at your company.

Prerequisites

• SAB-CEK 2491-090 Windchill PDMLink 9.0 – Application Orientation.
• Working knowledge of Unigraphics NX.

Audience

This course is intended for End Users that generate design files in Unigraphics NX.

Topics

• Installing the Workgroup Manager.
• Register Unigraphics with the Workgroup Manager.
• Locating information.
• Viewing information.
• Initiating new designs and sharing design information.
• Modifying and Managing Design information.
• Windchill parts and the association to CAD documents.
• Managing part families.
• Managing the Workspace Environment.
### Table of Contents

<table>
<thead>
<tr>
<th>Module 1</th>
<th>Getting Started with Unigraphics Data Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 2</td>
<td>Initiating New Designs and Sharing Design Information</td>
</tr>
<tr>
<td>Module 3</td>
<td>Modifying and Managing Design Information</td>
</tr>
<tr>
<td>Module 4</td>
<td>Managing Part Families</td>
</tr>
</tbody>
</table>
SolidWorks Data Management using Windchill PDMLink 9.0

Overview

The SolidWorks Data Management using Windchill PDMLink 9.0 course will provide the basic skills necessary for using the Workgroup Manager to manage SolidWorks design data. The course will cover installation, configuration, and the basic operations to upload, check in, and check out SolidWorks design information from PDMLink. The course materials are designed to replace Modules 4, 5, and 6 of the Introduction to Windchill PDMLink 9.0 course or all modules of Windchill PDMLink 9.0 – CAD Data Management course for students who must share and manage SolidWorks design data 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.

After completing this course, you will be able to:

• Complete basic PDMLink tasks and activities.
• Manage SolidWorks design information.
• Have a better understanding of the PDMLink system implementation at your company.

Prerequisites

• SAB-CEK 2491-090 Windchill PDMLink 9.0 – Application Orientation.
• Working knowledge of SolidWorks.

Audience

This course is intended for End Users that generate design files in SolidWorks.

Topics

• Installing the Workgroup Manager.
• Register SolidWorks with the Workgroup Manager.
• Locating information.
• Viewing information.
• Initiating new designs and sharing design information.
• Modifying and Managing Design information.
• Windchill parts and the association to CAD documents.
• Managing Design Tables.
• Managing the Workspace Environment.
# Table of Contents

<table>
<thead>
<tr>
<th>Module 1</th>
<th>Getting Started with SolidWorks Data Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 2</td>
<td>Initiating New Designs and Sharing Design Information</td>
</tr>
<tr>
<td>Module 3</td>
<td>Modifying and Managing Design Information</td>
</tr>
<tr>
<td>Module 4</td>
<td>Managing Design Tables</td>
</tr>
</tbody>
</table>
CATIA Data Management using Windchill PDMLink 9.0

Course Code: SAB-CEK2835  
Course Length: 4 Hours

Overview

In this CATIA Data Management using Windchill PDMLink 9.0 course, you will learn the basic skills necessary for using the Workgroup Manager to manage CATIA design data. You will learn about installation, configuration, and the basic operations to upload, check in, and check out design information from PDMLink. The course materials are designed to replace modules 4, 5 and 6 of the Introduction to Windchill PDMLink 9.0 course or all modules of Windchill PDMLink 9.0 – CAD Data Management course for students who must share and manage design data 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.

After completing this course, you will be able to:

- Complete basic PDMLink tasks and activities.
- Manage CATIA design information.
- Have a better understanding of the PDMLink system implementation at your company.

Prerequisites

- SAB-CEK 2491-090 Windchill PDMLink 9.0 – Application Orientation.
- Working knowledge of CATIA.

Audience

This course is intended for End Users that generate design files in CATIA.

Topics

- Installing the Workgroup Manager
- Registering CATIA with the Workgroup Manager
- Locating information
- Viewing information
- Initiating new designs and sharing design information
- Modifying and Managing Design information
- Windchill parts and the association to CAD documents
- Managing the Workspace Environment
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Getting Started with CATIA Data Management</td>
</tr>
<tr>
<td>Module 2</td>
<td>Initiating New Designs and Sharing Design Information</td>
</tr>
<tr>
<td>Module 3</td>
<td>Modifying and Managing Design Information</td>
</tr>
<tr>
<td>Module 4</td>
<td>Managing Design Tables</td>
</tr>
</tbody>
</table>
AutoCAD Data Management using Windchill PDMLink 9.0

Overview

In this AutoCAD Data Management using Windchill PDMLink 9.0 course, you will learn the basic skills necessary for using the Workgroup Manager to manage AutoCAD design data. You will learn about installation, configuration, and the basic operations to upload, check in, and check out AutoCAD design information from Windchill PDMLink. The course materials are designed to replace Modules 4, 5, and 6 of the Introduction to Windchill PDMLink 9.0 course or all modules of Windchill PDMLink 9.0 – CAD Data Management course for students who must share and manage AutoCAD design data 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.

Prerequisites

- SAB-CEK 2491-090 Windchill PDMLink 9.0 – Application Orientation.
- Working knowledge of AutoCAD.

Audience

This course is intended for End Users that generate design files in AutoCAD.

Topics

- Installing the Workgroup Manager
- Register AutoCAD with the Workgroup Manager
- Locating information
- Viewing information
- Initiating new designs and sharing design information
- Modifying and Managing Design information
- Windchill parts and their association to CAD documents
- Managing the Workspace Environment
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Getting Started with AutoCAD Data Management</td>
</tr>
<tr>
<td>Module 2</td>
<td>Initiating New Designs and Sharing Design Information</td>
</tr>
<tr>
<td>Module 3</td>
<td>Modifying and Managing Design Information</td>
</tr>
</tbody>
</table>
Pro/ENGINEER Data Management Update from Windchill PDMLink 8.0 to 9.0

Overview
In this course you will learn how to utilize many of the enhancements made to core functionality in Windchill PDMLink 9.0. This course is intended as an update from PDMLink 8.0 to PDMLink 9.0, in which you will become familiar with the user interface changes and enhancements to Pro/ENGINEER data management incorporated in PDMLink 9.0.

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 this course, you will be prepared to complete basic PDMLink 9.0 CAD data management tasks and activities, as well as having a better understanding of PDMLink 9.0 CAD data management processes.

Prerequisites
- Working knowledge of Pro/ENGINEER data management using PDMLink 8.0.
- Working knowledge of Pro/ENGINEER Wildfire 3.0.

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

Topics
- Workspace Layout
- Workspace Menu
- Dependency Processing
- Workspace Save As
- Changing/Customizing Workspace Table Views
- WTPart Owner and Content Links
- Modifying Instance Parameters/Attributes in Workspace
- Importing and Exporting CAD Data
- Working with Offline Workspaces
- Baseline Enhancements
- Administrative Control of End User Objects
# Table of Contents

<table>
<thead>
<tr>
<th>Module 1</th>
<th>Pro/ENGINEER Data Management PDMLink 9.0 User Interface Changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 2</td>
<td>Pro/ENGINEER Data Management PDMLink 9.0 Enhancements</td>
</tr>
</tbody>
</table>
Using Windchill PDMLink 9.1 for Information Viewers

Overview

<table>
<thead>
<tr>
<th>Course Code</th>
<th>SAB-CEK3054</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Length</td>
<td>4 hours</td>
</tr>
</tbody>
</table>

In this course, you will learn how to use Windchill PDMLink to view product information. Specifically, you will focus on basic navigation, searching, browsing, and viewing object information. 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 within Windchill.
- Locate information by executing searches and browsing contexts.
- View the attributes, content, and relationships of Windchill objects.
- Use ProductView Lite to view and manipulate models, drawings, and images.
- Obtain a basic understanding of Windchill's change management system.
- Use Windchill's communication and collaboration capabilities.
- Perform common Windchill tasks.

Prerequisites

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

Audience

- This course is intended for users who need to view Windchill information.
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Introduction to the Windchill Environment</td>
</tr>
<tr>
<td>2</td>
<td>Locating Information</td>
</tr>
<tr>
<td>3</td>
<td>Viewing Information</td>
</tr>
<tr>
<td>4</td>
<td>Introduction to Visualization</td>
</tr>
<tr>
<td>5</td>
<td>Viewing and Interrogating Viewables</td>
</tr>
<tr>
<td>6</td>
<td>Change Management Fundamentals</td>
</tr>
<tr>
<td>7</td>
<td>Communication and Collaboration</td>
</tr>
<tr>
<td>8</td>
<td>Performing Common Tasks</td>
</tr>
</tbody>
</table>
Using Windchill PDMLink 9.1 for Document Editors and Authors

Overview

Course Code  SAB-CEK3055
Course Length  6 hours

In this course, you will learn key capabilities and features of PDMLink data management and how to use PDMLink to manage documentation. Specifically, you will focus on the day-to-day data management tasks required by Document Editors and Authors. 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 within Windchill.
- Locate information by executing searches and browsing contexts.
- View the attributes, content, and relationships of Windchill objects.
- Use ProductView Lite to view and manipulate models, drawings, documents, and images.
- Understand document management fundamentals.
- Create documents and links.
- Modify and manage documents.
- Obtain a basic understanding of Windchill's change management system.
- Use Windchill's communication and collaboration capabilities.
- Perform common Windchill tasks.

Prerequisites

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

Audience

- This course is intended for Document Editors and Authors.
<table>
<thead>
<tr>
<th>Module</th>
<th>1</th>
<th>Introduction to the Windchill Environment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module</td>
<td>2</td>
<td>Locating Information</td>
</tr>
<tr>
<td>Module</td>
<td>3</td>
<td>Viewing Information</td>
</tr>
<tr>
<td>Module</td>
<td>4</td>
<td>Introduction to Visualization</td>
</tr>
<tr>
<td>Module</td>
<td>5</td>
<td>Viewing and Interrogating Viewables</td>
</tr>
<tr>
<td>Module</td>
<td>6</td>
<td>Getting Started with Document Management</td>
</tr>
<tr>
<td>Module</td>
<td>7</td>
<td>Create Documents and Links</td>
</tr>
<tr>
<td>Module</td>
<td>8</td>
<td>Modifying and Managing Documents</td>
</tr>
<tr>
<td>Module</td>
<td>9</td>
<td>Working with Products</td>
</tr>
<tr>
<td>Module</td>
<td>10</td>
<td>Change Management Fundamentals</td>
</tr>
<tr>
<td>Module</td>
<td>11</td>
<td>Managing Your Work</td>
</tr>
<tr>
<td>Module</td>
<td>12</td>
<td>Communication and Collaboration</td>
</tr>
<tr>
<td>Module</td>
<td>13</td>
<td>Participating in Processes</td>
</tr>
<tr>
<td>Module</td>
<td>14</td>
<td>Manage Preferences</td>
</tr>
</tbody>
</table>
Using Windchill PDMLink 9.1 for Reviewers and Approvers

Overview

Course Code  SAB-CEK3056
Course Length  11 Hours

In this course, you will learn how to use Windchill PDMLink to review and approve product information. Specifically, you will focus on viewing product information, building product structures, managing documents, and participating in standard development and engineering change processes. 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 ProductView Lite to view and manipulate models, drawings, and images.
- Create product structures and configurations.
- Create and manage documents.
- Understand and participate in Windchill's change management system.
- Use Windchill's communication and collaboration capabilities.
- Perform common Windchill tasks.
Prerequisites

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

Audience

- This course is intended for users who need to review and approve information in Windchill.
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Introduction to the Windchill Environment</td>
</tr>
<tr>
<td>2</td>
<td>Locating Information</td>
</tr>
<tr>
<td>3</td>
<td>Viewing Information</td>
</tr>
<tr>
<td>4</td>
<td>Introduction to Visualization</td>
</tr>
<tr>
<td>5</td>
<td>Viewing and Interrogating Viewables</td>
</tr>
<tr>
<td>6</td>
<td>Exploding and Sectioning Models</td>
</tr>
<tr>
<td>7</td>
<td>Annotating Viewables</td>
</tr>
<tr>
<td>8</td>
<td>Creating Product Structures</td>
</tr>
<tr>
<td>9</td>
<td>Product Structure Configurations</td>
</tr>
<tr>
<td>10</td>
<td>Getting Started with Document Management</td>
</tr>
<tr>
<td>11</td>
<td>Create Documents and Links</td>
</tr>
<tr>
<td>12</td>
<td>Modifying and Managing Documents</td>
</tr>
<tr>
<td>13</td>
<td>Introduction to the Change Process</td>
</tr>
<tr>
<td>14</td>
<td>Creating Change Requests</td>
</tr>
<tr>
<td>15</td>
<td>Creating Change Notices</td>
</tr>
<tr>
<td>16</td>
<td>Implementing Changes</td>
</tr>
<tr>
<td>17</td>
<td>Variances</td>
</tr>
<tr>
<td>18</td>
<td>Managing Your Work</td>
</tr>
<tr>
<td>19</td>
<td>Communication and Collaboration</td>
</tr>
<tr>
<td>20</td>
<td>Participating in Processes</td>
</tr>
<tr>
<td>21</td>
<td>Performing Common Tasks</td>
</tr>
</tbody>
</table>
Using Windchill PDMLink 9.1 for Pro/ENGINEER Users

Overview

Course Code: SAB-CEK3057
Course Length: 15 Hours

In this course, you will learn key capabilities and features of PDMLink data management and how to use PDMLink to manage design information. Specifically, you will focus on the day-to-day data management tasks required by the Pro/ENGINEER user, including how to upload CAD data, associate CAD data to the eBOM, 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 ProductView Lite to view and manipulate models, drawings, and images.
- Manage Pro/ENGINEER design information in Windchill.
- Create product structures and configurations.
- Create and manage documents.
- Understand and participate in Windchill's change management system.
- Use Windchill's communication and collaboration capabilities.
- Perform common Windchill tasks.
Prerequisites

- Basic browser and Web navigation skills.
- Basic understanding of product development processes and deliverables.
- Working knowledge of Pro/ENGINEER.

Audience

- This course is intended for Design Engineers who use Pro/ENGINEER.
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Introduction to the Windchill Environment</td>
</tr>
<tr>
<td>2</td>
<td>Locating Information</td>
</tr>
<tr>
<td>3</td>
<td>Viewing Information</td>
</tr>
<tr>
<td>4</td>
<td>Introduction to Visualization</td>
</tr>
<tr>
<td>5</td>
<td>Viewing and Interrogating Viewables</td>
</tr>
<tr>
<td>6</td>
<td>Exploding and Sectioning Models</td>
</tr>
<tr>
<td>7</td>
<td>Annotating Viewables</td>
</tr>
<tr>
<td>8</td>
<td>Getting Started with Pro/ENGINEER Data Management</td>
</tr>
<tr>
<td>9</td>
<td>Initiating New Designs and Sharing Design Information</td>
</tr>
<tr>
<td>10</td>
<td>Modifying and Managing Design Information</td>
</tr>
<tr>
<td>11</td>
<td>Understanding File Relationships and Dependencies</td>
</tr>
<tr>
<td>12</td>
<td>Managing Family Tables</td>
</tr>
<tr>
<td>13</td>
<td>Managing Workspace Data</td>
</tr>
<tr>
<td>14</td>
<td>Introduction to Product Structure Management</td>
</tr>
<tr>
<td>15</td>
<td>Creating Product Structures</td>
</tr>
<tr>
<td>16</td>
<td>Using the Product Structure Explorer (PSE)</td>
</tr>
<tr>
<td>17</td>
<td>Product Structure Configurations</td>
</tr>
<tr>
<td>18</td>
<td>Advanced Product Structure Management</td>
</tr>
<tr>
<td>19</td>
<td>Managing Documents</td>
</tr>
<tr>
<td>20</td>
<td>Introduction to the Change Process</td>
</tr>
<tr>
<td>21</td>
<td>Creating Change Requests</td>
</tr>
<tr>
<td>22</td>
<td>Creating Change Notices</td>
</tr>
<tr>
<td>23</td>
<td>Implementing Changes</td>
</tr>
<tr>
<td>24</td>
<td>Managing Your Work</td>
</tr>
<tr>
<td>25</td>
<td>Participating in Processes</td>
</tr>
<tr>
<td>26</td>
<td>Performing Common Tasks</td>
</tr>
</tbody>
</table>
Using Windchill PDMLink 9.1 for Manufacturing Engineers

Overview

Course Code  SAB-CEK3058
Course Length  14 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 ProductView Lite to view and manipulate models, drawings, and images.
- Create product structures and configurations.
- Create and manage documents.
- Understand and participate in Windchill's change management system.
- Use Windchill's communication and collaboration capabilities.
- Perform common Windchill tasks.
Prerequisites

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

Audience

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

<table>
<thead>
<tr>
<th>Module</th>
<th>1</th>
<th>Introduction to the Windchill Environment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module</td>
<td>2</td>
<td>Locating Information</td>
</tr>
<tr>
<td>Module</td>
<td>3</td>
<td>Viewing Information</td>
</tr>
<tr>
<td>Module</td>
<td>4</td>
<td>Introduction to Visualization</td>
</tr>
<tr>
<td>Module</td>
<td>5</td>
<td>Viewing and Interrogating Viewables</td>
</tr>
<tr>
<td>Module</td>
<td>6</td>
<td>Exploding and Sectioning Models</td>
</tr>
<tr>
<td>Module</td>
<td>7</td>
<td>Annotating Viewables</td>
</tr>
<tr>
<td>Module</td>
<td>8</td>
<td>Introduction to Product Structure Management</td>
</tr>
<tr>
<td>Module</td>
<td>9</td>
<td>Creating Product Structures</td>
</tr>
<tr>
<td>Module</td>
<td>10</td>
<td>Using the Product Structure Explorer (PSE)</td>
</tr>
<tr>
<td>Module</td>
<td>11</td>
<td>Product Structure Configurations</td>
</tr>
<tr>
<td>Module</td>
<td>12</td>
<td>Advanced Product Structure Management</td>
</tr>
<tr>
<td>Module</td>
<td>13</td>
<td>Getting Started with Document Management</td>
</tr>
<tr>
<td>Module</td>
<td>14</td>
<td>Create Documents and Links</td>
</tr>
<tr>
<td>Module</td>
<td>15</td>
<td>Modifying and Managing Documents</td>
</tr>
<tr>
<td>Module</td>
<td>16</td>
<td>Introduction to the Change Process</td>
</tr>
<tr>
<td>Module</td>
<td>17</td>
<td>Creating Change Requests</td>
</tr>
<tr>
<td>Module</td>
<td>18</td>
<td>Creating Change Notices</td>
</tr>
<tr>
<td>Module</td>
<td>19</td>
<td>Implementing Changes</td>
</tr>
<tr>
<td>Module</td>
<td>20</td>
<td>Variances</td>
</tr>
<tr>
<td>Module</td>
<td>21</td>
<td>Managing Your Work</td>
</tr>
<tr>
<td>Module</td>
<td>22</td>
<td>Communication and Collaboration</td>
</tr>
<tr>
<td>Module</td>
<td>23</td>
<td>Participating in Processes</td>
</tr>
<tr>
<td>Module</td>
<td>24</td>
<td>Performing Common Tasks</td>
</tr>
</tbody>
</table>
Using Windchill PDMLink 9.1 for Managers

Overview

Course Code SAB-CEK3059

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 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 ProductView Lite to view and manipulate models, drawings, and images.
- View and manage product structures and configurations.
- Create and manage documents.
- Understand and participate in Windchill's change management system.
- Use Windchill's communication and collaboration capabilities.
- Perform common Windchill tasks.
Prerequisites

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

Audience

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

<table>
<thead>
<tr>
<th>Module</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Introduction to the Windchill Environment</td>
</tr>
<tr>
<td>Module 2</td>
<td>Locating Information</td>
</tr>
<tr>
<td>Module 3</td>
<td>Viewing Information</td>
</tr>
<tr>
<td>Module 4</td>
<td>Introduction to Visualization</td>
</tr>
<tr>
<td>Module 5</td>
<td>Viewing and Interrogating Viewables</td>
</tr>
<tr>
<td>Module 6</td>
<td>Managing Product Structures</td>
</tr>
<tr>
<td>Module 7</td>
<td>Getting Started with Document Management</td>
</tr>
<tr>
<td>Module 8</td>
<td>Create Documents and Links</td>
</tr>
<tr>
<td>Module 9</td>
<td>Introduction to the Change Process</td>
</tr>
<tr>
<td>Module 10</td>
<td>Creating Change Requests</td>
</tr>
<tr>
<td>Module 11</td>
<td>Implementing Changes</td>
</tr>
<tr>
<td>Module 12</td>
<td>Managing Your Work</td>
</tr>
<tr>
<td>Module 13</td>
<td>Communication and Collaboration</td>
</tr>
<tr>
<td>Module 14</td>
<td>Participating in Processes</td>
</tr>
</tbody>
</table>
Using Windchill PDMLink 9.1 for Configuration Managers

Overview

Course Code: SAB-CEK3060

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 ProductView Lite to view and manipulate models, drawings, and images.
- Create product structures and configurations.
- Create and manage documents.
- Understand and participate in Windchill's change management system.
- Use Windchill's communication and collaboration capabilities.
- Perform common Windchill tasks.
Prerequisites

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

Audience

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

<table>
<thead>
<tr>
<th>Module</th>
<th>1</th>
<th>Introduction to the Windchill Environment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module</td>
<td>2</td>
<td>Locating Information</td>
</tr>
<tr>
<td>Module</td>
<td>3</td>
<td>Viewing Information</td>
</tr>
<tr>
<td>Module</td>
<td>4</td>
<td>Introduction to Visualization</td>
</tr>
<tr>
<td>Module</td>
<td>5</td>
<td>Viewing and Interrogating Viewables</td>
</tr>
<tr>
<td>Module</td>
<td>6</td>
<td>Exploding and Sectioning Models</td>
</tr>
<tr>
<td>Module</td>
<td>7</td>
<td>Annotating Viewables</td>
</tr>
<tr>
<td>Module</td>
<td>8</td>
<td>Introduction to Product Structure Management</td>
</tr>
<tr>
<td>Module</td>
<td>9</td>
<td>Creating Product Structures</td>
</tr>
<tr>
<td>Module</td>
<td>10</td>
<td>Using the Product Structure Explorer (PSE)</td>
</tr>
<tr>
<td>Module</td>
<td>11</td>
<td>Product Structure Configurations</td>
</tr>
<tr>
<td>Module</td>
<td>12</td>
<td>Advanced Product Structure Management</td>
</tr>
<tr>
<td>Module</td>
<td>13</td>
<td>Getting Started with Document Management</td>
</tr>
<tr>
<td>Module</td>
<td>14</td>
<td>Create Documents and Links</td>
</tr>
<tr>
<td>Module</td>
<td>15</td>
<td>Modifying and Managing Documents</td>
</tr>
<tr>
<td>Module</td>
<td>16</td>
<td>Introduction to the Change Process</td>
</tr>
<tr>
<td>Module</td>
<td>17</td>
<td>Creating Change Requests</td>
</tr>
<tr>
<td>Module</td>
<td>18</td>
<td>Creating Change Notices</td>
</tr>
<tr>
<td>Module</td>
<td>19</td>
<td>Implementing Changes</td>
</tr>
<tr>
<td>Module</td>
<td>20</td>
<td>Variances</td>
</tr>
<tr>
<td>Module</td>
<td>21</td>
<td>Managing Your Work</td>
</tr>
<tr>
<td>Module</td>
<td>22</td>
<td>Communication and Collaboration</td>
</tr>
<tr>
<td>Module</td>
<td>23</td>
<td>Participating in Processes</td>
</tr>
<tr>
<td>Module</td>
<td>24</td>
<td>Performing Common Tasks</td>
</tr>
</tbody>
</table>
Using Windchill PDMLink 9.1 for Engineers

Overview

Course Code  SAB-CEK3061
Course Length  12 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 ProductView Lite to view and manipulate models, drawings, and images.
- Create product structures and configurations.
- Create and manage documents.
- Understand and participate in Windchill's change management system.
- Use Windchill's communication and collaboration capabilities.
- Perform common Windchill tasks.
Prerequisites

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

Audience

- This course is intended for Manufacturing Engineers.
<table>
<thead>
<tr>
<th>Module</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Introduction to the Windchill Environment</td>
</tr>
<tr>
<td>2</td>
<td>Locating Information</td>
</tr>
<tr>
<td>3</td>
<td>Viewing Information</td>
</tr>
<tr>
<td>4</td>
<td>Introduction to Visualization</td>
</tr>
<tr>
<td>5</td>
<td>Viewing and Interrogating Viewables</td>
</tr>
<tr>
<td>6</td>
<td>Exploding and Sectioning Models</td>
</tr>
<tr>
<td>7</td>
<td>Annotating Viewables</td>
</tr>
<tr>
<td>8</td>
<td>Introduction to Product Structure Management</td>
</tr>
<tr>
<td>9</td>
<td>Using the Product Structure Explorer (PSE)</td>
</tr>
<tr>
<td>10</td>
<td>Product Structure Configurations</td>
</tr>
<tr>
<td>11</td>
<td>Advanced Product Structure Management</td>
</tr>
<tr>
<td>12</td>
<td>Getting Started with Document Management</td>
</tr>
<tr>
<td>13</td>
<td>Create Documents and Links</td>
</tr>
<tr>
<td>14</td>
<td>Modifying and Managing Documents</td>
</tr>
<tr>
<td>15</td>
<td>Introduction to the Change Process</td>
</tr>
<tr>
<td>16</td>
<td>Creating Change Requests</td>
</tr>
<tr>
<td>17</td>
<td>Creating Change Notices</td>
</tr>
<tr>
<td>18</td>
<td>Implementing Changes</td>
</tr>
<tr>
<td>19</td>
<td>Variances</td>
</tr>
<tr>
<td>20</td>
<td>Managing Your Work</td>
</tr>
<tr>
<td>21</td>
<td>Communication and Collaboration</td>
</tr>
<tr>
<td>22</td>
<td>Participating in Processes</td>
</tr>
<tr>
<td>23</td>
<td>Performing Common Tasks</td>
</tr>
</tbody>
</table>
Using Windchill RequirementsLink 9.1 for Requirements Viewers

Course Code: SAB-CEK3083
Course Length: 1.5 Hours

Overview

In this course, you will learn about viewing requirements in Windchill RequirementsLink 9.1. You will learn about basic requirements structures including specifications and sections. You will learn how to view and compare different versions of requirements and structures, how to view different specification baselines, and how to trace relationships between derived requirements. Additionally you will trace relationships between requirements and business objects and learn to use requirements in the change management process. 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.

Prerequisites

- Introduction to PDMLink 9.1
- Basic knowledge of PDMLink’s change management process

Audience

This course is intended for all enterprise data users that use the RequirementsLink to track and manage requirements with design data.

Topics

- Requirements Management
- RequirementsLink
- Viewing a Requirement
- Understanding the Structure of Requirements
- Viewing a Section
- Viewing a Specification
- Understanding Specification Baselines
- Viewing a Verification Requirement
- Understanding Links Between Requirements
- Understanding Links Between Requirements and Other Business Objects
- Understanding Requirements Traceability
- Understanding Change Management and Requirements
- Comparing Requirements
- Comparing Specifications
- Exporting Requirements Lists
Table of Contents

| Module 1 | Viewing Requirements Using Windchill RequirementsLink |
Using Windchill RequirementsLink 9.1 for Requirements Authors

Course Code | SAB-CEK3084
-------------|------------------
Course Length | 4 Hours

Overview

In this course, you will learn about creating and managing requirements in Windchill RequirementsLink 9.1. You will learn about requirements structures including specifications and sections. You will learn how to view, create, and compare different versions of requirements and structures, how to view and create different specification baselines, and how to trace relationships between derived requirements. Additionally you will create and trace relationships between requirements and business objects and learn to use requirements in the change management process. 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.

Prerequisites

- Introduction to PDMLink 9.1
- Basic knowledge of PDMLink’s change management process

Audience

This course is intended for requirements authors that use the RequirementsLink to track and manage requirements with design data.

Topics

- Requirements Management
- RequirementsLink
- Creating and Viewing Requirements
- Understanding the Structure of Requirements
- Creating and Viewing Sections
- Creating and Viewing Specifications
- Understanding Specification Baselines
- Creating and Viewing Verification Requirements
- Understanding Links Between Requirements
- Creating Links Between Requirements
- Understanding Links Between Requirements and Other Business Objects
- Creating Links Between Requirements and Business Objects
- Understanding Requirements Traceability
- Understanding Change Management and Requirements
- Comparing Requirements
- Comparing Specifications
- Exporting Requirements Lists
• Importing Requirements
• Administering Requirements and Specifications
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Viewing Requirements Using Windchill RequirementsLink</td>
</tr>
<tr>
<td>Module 2</td>
<td>Managing Requirements and Requirements Structure</td>
</tr>
<tr>
<td>Module 3</td>
<td>Importing and Administering Requirements and Specifications</td>
</tr>
</tbody>
</table>
Windchill PDMLink 9.1 - Application Orientation

Overview

Course Code: SAB-CEK3204
Course Length: 4 hours

This course constitutes a comprehensive review of Application Orientation functionality. In addition, the content is built to support topic-based course configurations. In this Windchill PDMLink 9.1 - Application Orientation course, you will learn basic skills required to access and view information, such as: logging on, accessing help, and locating and viewing product information. 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 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 keyword, basic, and advanced searches.
- Save searches.
- Browse contexts.
- Use, manage, and create Windchill table views.
- View the attributes, content, and relationships of Windchill objects.
Prerequisites

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

Audience

- This course is intended for any user that needs to access product information residing within the Windchill PDMLink system.
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>1</th>
<th>Introduction to the Windchill Environment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module</td>
<td>2</td>
<td>Locating Information</td>
</tr>
<tr>
<td>Module</td>
<td>3</td>
<td>Viewing Information</td>
</tr>
</tbody>
</table>
This course constitutes a comprehensive review of Windchill PDMLink Pro/ENGINEER data management functionality. In addition, the content is built to support topic-based course configurations. In this course, you will learn key capabilities and features of Windchill PDMLink CAD Data Management and how to use Windchill to manage Pro/ENGINEER design information. Specifically, you will focus on the day-to-day data management tasks required by the Pro/ENGINEER user community, including how to associate the Pro/ENGINEER CAD data structure to the eBOM. You will also learn how to use Windchill to perform basic PDM functions on Pro/ENGINEER CAD Documents and their associated eBOM objects. The course materials are designed to replace modules 4, 5, and 6 of the Introduction to Windchill PDMLink 9.0 course or all modules of Windchill PDMLink 9.0 – CAD Data Management course for students who must share and manage Pro/ENGINEER design data in Windchill. 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 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.
**Course Objectives**

- Locating Information
- Viewing Information
- Initiating New Designs and Sharing Design Information
- Modifying and Managing Design Information
- Windchill parts and their association to CAD documents
- Understanding File Relationships and Dependencies
- Managing Family Tables
- Workspace Frames

**Prerequisites**

- T2136 (Introduction to Windchill PDMLink 9.0) or SAB-CEK2491 (Windchill PDMLink 9.0 - Application Orientation).
- Working knowledge of Pro/ENGINEER Wildfire 4.0.

**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

<table>
<thead>
<tr>
<th>Module</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Getting Started with Pro/ENGINEER Data Management</td>
</tr>
<tr>
<td>2</td>
<td>Initiating New Designs and Sharing Design Information</td>
</tr>
<tr>
<td>3</td>
<td>Modifying and Managing Design Information</td>
</tr>
<tr>
<td>4</td>
<td>Understanding File Relationships and Dependencies</td>
</tr>
<tr>
<td>5</td>
<td>Managing Family Tables</td>
</tr>
<tr>
<td>6</td>
<td>Managing Workspace Data</td>
</tr>
</tbody>
</table>
Windchill PDMLink 9.1 - Product Structure Management

Overview

Course Code: SAB-CEK3206
Course Length: 8 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 about the fundamentals of product structure management. You will learn how to create Windchill parts and end items, create product structures, manage bill of materials (BOM), and create BOM annotations. Other advanced topics include how to create and manage Windchill configurations and instances. You will also use Product Structure Explorer to accomplish various tasks. 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 manage Windchill product structures, as well as have a better understanding of the Windchill system implementation at your company.

Course Objectives
• Understanding Product Structure Management Concepts
• Creating Parts and End Items
• Building Product Structures
• Associating Parts with CAD Documents and Documents
• Using Product Structure Explorer
• Creating Bill of Materials Notes
• Managing Product Structure Views, Baselines, and Effectivity
• Managing Product Configurations and Instances

Prerequisites

• SAB-CEK3204 (Windchill PDMLink 9.1 - Application Orientation)

Audience

• This course is intended for Windchill End Users.
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Introduction to Product Structure Management</td>
</tr>
<tr>
<td>Module 2</td>
<td>Creating Product Structures</td>
</tr>
<tr>
<td>Module 3</td>
<td>Using the Product Structure Explorer (PSE)</td>
</tr>
<tr>
<td>Module 4</td>
<td>Product Structure Configurations</td>
</tr>
<tr>
<td>Module 5</td>
<td>Advanced Product Structure Management</td>
</tr>
</tbody>
</table>
Windchill PDMLink 9.1 - Standard Document Management

Overview

Course Code: SAB-CEK3207
Course Length: 8 hours

This course constitutes a comprehensive review of Standard Document Management functionality. In addition, the content is built to support topic-based course configurations. In this Windchill PDMLink 9.1 - Standard Document Management course, you will learn the basic skills necessary to perform typical document management tasks using Windchill PDMLink 9.1. You will learn document management skills, such as creating and modifying documents, with and without Desktop Integration. 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 the capabilities of a standard document.
- Install Windchill Desktop Integration.
- Set document preferences.
- Create Documents.
- Modify documents.
- Revise documents.
- Create document relationships.

Prerequisites

- SAB-CEK3204 – Windchill PDMLink 9.1 - Application Orientation

Audience

- This course is intended for any user that will manage documents within Windchill PDMLink.
<table>
<thead>
<tr>
<th>Module</th>
<th>1</th>
<th>Getting Started with Document Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module</td>
<td>2</td>
<td>Create Documents and Links</td>
</tr>
<tr>
<td>Module</td>
<td>3</td>
<td>Modifying and Managing Documents</td>
</tr>
</tbody>
</table>
Overview

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

In this course, you will learn about ProductView and its role as a visualization solution for Product Data Management systems. You will learn how to visualize products and navigate through 3-D models. You will also learn how to deconstruct models to view how components fit together. Finally, you will learn how to create annotations to communicate design ideas and problems.

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

- Introduction to Visualization.
- Viewing drawings, images, documents, and models.
- Finding components.
- Working with views.
- Orienting models, drawings, and images.
- Working with multi-page drawings and documents.
- Hiding and showing model components.
- Exploding and sectioning models.
- Viewing annotations.
- Annotating models, drawings, documents and models.
- Measuring drawings and models.
Prerequisites

- SAB-CEK3204 – Windchill PDMLink 9.1 - Application Orientation

Audience

- This course is intended for all users that use the ProductView Lite client to annotate objects.
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>Number</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>1</td>
<td>Introduction to Visualization</td>
</tr>
<tr>
<td>Module 2</td>
<td>2</td>
<td>Viewing and Interrogating Viewables</td>
</tr>
<tr>
<td>Module 3</td>
<td>3</td>
<td>Exploding and Sectioning Models</td>
</tr>
<tr>
<td>Module 4</td>
<td>4</td>
<td>Annotating Viewables</td>
</tr>
</tbody>
</table>
Windchill PDMLink 9.1 - Change Management

Overview

<table>
<thead>
<tr>
<th>Course Code</th>
<th>SAB-CEK3209</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Length</td>
<td>8 Hours</td>
</tr>
</tbody>
</table>

This course constitutes a comprehensive review of Windchill PDMLink Change Management functionality. In addition, the content is built to support topic-based course configurations. In this course, you will learn about change management capabilities in Windchill PDMLink 9.1. You will review the closed loop change process that is the foundation of Windchill PDMLink’s Change Management feature. 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. Lastly, you will learn about and create a variance. 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 this course, you will be prepared to complete basic Windchill PDMLink change management tasks and activities, as well as having a better understanding of Windchill change management processes.

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

- Basic browser and Web navigation skills
- Basic understanding of product development processes and deliverables
- SAB-CEK3204 Windchill PDMLink 9.1 – Application Orientation

Audience

- This course is intended for any user that needs to report problems, and interact with product change information in Windchill PDMLink.
<table>
<thead>
<tr>
<th>Module</th>
<th>1</th>
<th>Introduction to the Change Process</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module</td>
<td>2</td>
<td>Creating Change Requests</td>
</tr>
<tr>
<td>Module</td>
<td>3</td>
<td>Creating Change Notices</td>
</tr>
<tr>
<td>Module</td>
<td>4</td>
<td>Implementing Changes</td>
</tr>
<tr>
<td>Module</td>
<td>5</td>
<td>Variances</td>
</tr>
</tbody>
</table>
Windchill PDMLink 9.1 - Common Windchill Tasks

Overview

Course Code  SAB-CEK3210
Course Length  8 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.
Prerequisites

- SAB-CEK3204 (Windchill PDMLink 9.1 - Application Orientation)

Audience

- This course is intended for Windchill End Users.
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>1</th>
<th>Managing Your Work</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module</td>
<td>2</td>
<td>Communication and Collaboration</td>
</tr>
<tr>
<td>Module</td>
<td>3</td>
<td>Participating in Processes</td>
</tr>
<tr>
<td>Module</td>
<td>4</td>
<td>Performing Common Tasks</td>
</tr>
</tbody>
</table>
Pro/ENGINEER Data Management Update from Windchill PDMLink 8.0 to 9.1

Course Code: SAB-CEK3213
Course Length: 4 hour

Overview

In this course you will learn how to utilize many of the enhancements made to core functionality in Windchill PDMLink 9.0 and PDMLink 9.1. This course is intended as an update from PDMLink 8.0 to PDMLink 9.1, in which you will become familiar with the user interface changes and enhancements to Pro/ENGINEER data management using PDMLink 9.1.

You will complete Pro/FLICIENCY 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 this course, you will be prepared to complete basic PDMLink 9.1 CAD data management tasks and activities, as well as having a better understanding of PDMLink 9.1 CAD data management processes.

Prerequisites

- Working knowledge of Pro/ENGINEER data management using PDMLink 8.0
- Working knowledge of Pro/ENGINEER Wildfire 3.0/4.0

Audience

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

Topics

- Use the new Workspace layout
- Use Workspace Save As
- Change/customize Workspace table views
- Use WPart Owner and Content links
- Modify instance parameters/attributes in Workspace
- Import/export CAD data to/from Workspace
- Work with offline Workspaces
- Understand the administrative control of end user objects
- Use Workspaces frames
- Understand the table improvements
# Table of Contents

<table>
<thead>
<tr>
<th>Module 1</th>
<th>Pro/ENGINEER Data Management PDMLink 9.0 User Interface Changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 2</td>
<td>Pro/ENGINEER Data Management PDMLink 9.0 Enhancements</td>
</tr>
<tr>
<td>Module 3</td>
<td>Pro/ENGINEER Data Management Enhancements for Windchill PDMLink 9.1</td>
</tr>
</tbody>
</table>
Windchill PDMLink 9.1 ECAD Data Management

Overview

Course Code  SAB-CEK3214

Course Length  3 Hours

In this course, you will explore Workgroup Manager for ECAD, an optional Windchill add-on for ECAD data management. Workgroup Manager for ECAD is used to communicate with the Windchill server to access or store electronic design data, such as printed circuit boards, schematics, and assemblies. You will also learn about general tasks, such as searching, checking out, updating, and checking in the ECAD data. You will learn how to perform the client-side Workgroup Manager setup. At the end of 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 ECAD design process and components of an ECAD design.
- Identify supported ECAD tools.
- Install and configure Workgroup Manager for ECAD.
- Create and modify ECAD designs in Windchill.
- Identify and define file groups for derived data.
- Manage user preferences.
- Identify Workgroup Manager hooks.

Prerequisites

- SAB-CEK3204 (Windchill PDMLink 9.1 - Application Orientation)

Audience

- This course is intended for Windchill End Users.
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>1</th>
<th>ECAD Data Management Overview</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module</td>
<td>2</td>
<td>Initialing and Configuring Workgroup Manager for ECAD</td>
</tr>
<tr>
<td>Module</td>
<td>3</td>
<td>Managing ECAD Data</td>
</tr>
</tbody>
</table>
Windchill PDMLink 9.1 - CATIA Data Management

Overview

Course Code  SAB-CEK3215
Course Length  4 Hours

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.

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 associate the CATIA CAD data structure to the eBOM. You will also learn how to use Windchill to perform basic PDM functions on CATIA CAD Documents and their associated eBOM objects. The course materials are designed to replace modules 4, 5, and 6 of the Introduction to Windchill PDMLink 9.0 course or all modules of Windchill PDMLink 9.0 – CAD Data Management course for students who must share and manage CATIA design data in Windchill.

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 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.
Course Objectives

• Installing the Workgroup Manager
• Registering CATIA with the Workgroup Manager
• Locating Information
• Viewing Information
• Initiating New Designs and Sharing Design Information
• Modifying and Managing Design Information
• Windchill parts and their association to CAD documents
• Understanding File Relationships and Dependencies
• Managing Design Tables
• Managing the Workspace Environment

Prerequisites

• T2136 (Introduction to Windchill PDMLink 9.0) or SAB-CEK2491 (Windchill PDMLink 9.0 - Application Orientation).
• Working knowledge of CATIA.

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>
<thead>
<tr>
<th>Module</th>
<th>1</th>
<th>Getting Started with CAD Data Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module</td>
<td>2</td>
<td>Initiating New Designs and Sharing Design Information</td>
</tr>
<tr>
<td>Module</td>
<td>3</td>
<td>Modifying and Managing Design Information</td>
</tr>
<tr>
<td>Module</td>
<td>4</td>
<td>Managing Family Tables</td>
</tr>
</tbody>
</table>
Windchill PDMLink 9.1 - Unigraphics Data Management Overview

Course Code       SAB-CEK3216
Course Length     4 Hours

This course constitutes a comprehensive review of Windchill PDMLink Unigraphics data management functionality. In addition, the content is built to support topic-based course configurations.

In this course, you will learn key capabilities and features of Windchill PDMLink CAD Data Management and how to use Windchill to manage Unigraphics design information. Specifically, you will focus on the day-to-day data management tasks required by the Unigraphics user community, including how to associate the Unigraphics CAD data structure to the eBOM. You will also learn how to use Windchill to perform basic PDM functions on Unigraphics CAD Documents and their associated eBOM objects. The course materials are designed to replace modules 4, 5, and 6 of the Introduction to Windchill PDMLink 9.0 course or all modules of Windchill PDMLink 9.0 – CAD Data Management course for students who must share and manage Unigraphics design data in Windchill.

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 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.
Course Objectives

• Installing the Workgroup Manager
• Registering Unigrphics with the Workgroup Manager
• Locating Information
• Viewing Information
• Initiating New Designs and Sharing Design Information
• Modifying and Managing Design Information
• Windchill parts and their association to CAD documents
• Understanding File Relationships and Dependencies
• Managing Design Tables
• Managing the Workspace Environment

Prerequisites

• T2136 (Introduction to Windchill PDMLink 9.0) or SAB-CEK2491 (Windchill PDMLink 9.0 - Application Orientation).
• Working knowledge of Unigrphics.

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

<table>
<thead>
<tr>
<th>Module</th>
<th>1</th>
<th>Getting Started with CAD Data Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module</td>
<td>2</td>
<td>Initiating New Designs and Sharing Design Information</td>
</tr>
<tr>
<td>Module</td>
<td>3</td>
<td>Modifying and Managing Design Information</td>
</tr>
<tr>
<td>Module</td>
<td>4</td>
<td>Managing Family Tables</td>
</tr>
</tbody>
</table>
Windchill PDMLink 9.1 - SolidWorks Data Management

Overview

Course Code: SAB-CEK3217

Course Length: 4 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.

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 associate the SolidWorks CAD data structure to the eBOM. You will also learn how to use Windchill to perform basic PDM functions on SolidWorks CAD Documents and their associated eBOM objects. The course materials are designed to replace modules 4, 5, and 6 of the Introduction to Windchill PDMLink 9.0 course or all modules of Windchill PDMLink 9.0 – CAD Data Management course for students who must share and manage SolidWorks design data in Windchill.

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 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.
Course Objectives

• Installing the Workgroup Manager
• Registering SolidWorks with the Workgroup Manager
• Locating Information
• Viewing Information
• Initiating New Designs and Sharing Design Information
• Modifying and Managing Design Information
• Windchill parts and their association to CAD documents
• Understanding File Relationships and Dependencies
• Managing Design Tables
• Managing the Workspace Environment

Prerequisites

• T2136 (Introduction to Windchill PDMLink 9.0) or SAB-CEK2491 (Windchill PDMLink 9.0 - Application Orientation).
• 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

<table>
<thead>
<tr>
<th>Module</th>
<th>1</th>
<th>Getting Started with CAD Data Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module</td>
<td>2</td>
<td>Initiating New Designs and Sharing Design Information</td>
</tr>
<tr>
<td>Module</td>
<td>3</td>
<td>Modifying and Managing Design Information</td>
</tr>
<tr>
<td>Module</td>
<td>4</td>
<td>Managing Family Tables</td>
</tr>
</tbody>
</table>
Windchill PDMLink 9.1 - AutoCAD Data Management
Overview

Course Code: SAB-CEK3218
Course Length: 4 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.

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 associate the AutoCAD CAD data structure to the eBOM. You will also learn how to use Windchill to perform basic PDM functions on AutoCAD CAD Documents and their associated eBOM objects. The course materials are designed to replace modules 4, 5, and 6 of the Introduction to Windchill PDMLink 9.0 course or all modules of Windchill PDMLink 9.0 – CAD Data Management course for students who must share and manage AutoCAD design data in Windchill.

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 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.
Course Objectives

• Installing the Workgroup Manager
• Registering AutoCAD with the Workgroup Manager
• Locating Information
• Viewing Information
• Initiating New Designs and Sharing Design Information
• Modifying and Managing Design Information
• Windchill parts and their association to CAD documents
• Managing the Workspace Environment

Prerequisites

• T2136 (Introduction to Windchill PDMLink 9.0) or SAB-CEK2491 (Windchill PDMLink 9.0 - Application Orientation).
• 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>
<thead>
<tr>
<th>Module</th>
<th>1</th>
<th>Getting Started with CAD Data Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module</td>
<td>2</td>
<td>Initiating New Designs and Sharing Design Information</td>
</tr>
<tr>
<td>Module</td>
<td>3</td>
<td>Modifying and Managing Design Information</td>
</tr>
</tbody>
</table>
Overview

In this course, you will learn the key capabilities and features of the Windchill ECAD visualization. This class includes hands-on tutorials on various data manipulation tasks such as searching, creating annotations, performing measurements, and cross-highlighting between board and schematic. You will also learn how to compare two versions of an ECAD design and explore the differences. Moreover, the data exchange between the InterComm viewables and native ECAD authoring tools is also discussed. At the end of 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

- Viewing Design Information in Windchill
- InterComm Expert Features and Benefits
- ProductView ECAD Compare Overview
- ProductView ECAD Validate Overview
- Comparing ECAD Designs
- EDAconduit Overview
- Features of EDAconduit
- Cross-Highlighting between Expert and native ECAD tools

Prerequisites

- SAB-CEK3204 (Windchill PDMLink 9.1 - Application Orientation)

Audience

- This course is intended for Windchill End Users.
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>1</th>
<th>Introduction to ECAD Visualization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module</td>
<td>2</td>
<td>Viewing and Analyzing ECAD Designs</td>
</tr>
<tr>
<td>Module</td>
<td>3</td>
<td>Comparing ECAD Designs</td>
</tr>
<tr>
<td>Module</td>
<td>4</td>
<td>Exchanging Electronic Markups</td>
</tr>
</tbody>
</table>
Update to Windchill PDMLink 9.1 from Windchill PDMLink 8.0

Overview

<table>
<thead>
<tr>
<th>Course Code</th>
<th>SAB-CEK3225</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Length</td>
<td>2 Hours</td>
</tr>
</tbody>
</table>

In this course, you will learn about the feature updates to Windchill PDMLink 9.1 from Windchill PDMLink 8.0. You will learn about Windchill usability enhancements, new ways to work with Windchill business objects, changes in how you participate in processes, and how to create and deliver work packages. This course provides a simple way for you to update your working skills to the new version. You will only learn about the functionality that has changed or new functionality that has been added.

Course Objectives

- Identify new features that make Windchill PDMLink easier to use.
- Identify new features for working with business objects.
- Participate in processes using new capabilities.
- Create and manage work packages and deliveries.

Prerequisites

- Introduction to Windchill PDMLink 8.0 or equivalent.

Audience

- This course is intended for all enterprise data users that want to update their knowledge of Windchill PDMLink 8.0 to the current features in Windchill PDMLink 9.1
- This course is intended for all enterprise data users where an upgrade to Windchill PDMLink 9.1 from Windchill PDMLink 8.0 has been implemented.
## Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>Number</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module</td>
<td>1</td>
<td>Windchill Usability Enhancements</td>
</tr>
<tr>
<td>Module</td>
<td>2</td>
<td>Working with Objects</td>
</tr>
<tr>
<td>Module</td>
<td>3</td>
<td>Participating in Processes</td>
</tr>
<tr>
<td>Module</td>
<td>4</td>
<td>Working with Packages</td>
</tr>
<tr>
<td>Module</td>
<td>5</td>
<td>Change and Configuration Management Enhancements</td>
</tr>
</tbody>
</table>
Displaying Windchill 9.0/9.1 Reports with Cognos 8

Overview

Course Code          SAB-CEK3226
Course Length        10 Hours

In this course, you will learn how to format reports using Windchill Business Reporting Author. First, you configure the connection between Windchill and Cognos 8, including how to reveal Windchill data sources in Cognos and how to display Cognos reports in Windchill. Next, you create new tabular and graphical reports, including advanced reports with parameters, user input, and drill-through capabilities. Finally, you learn how to schedule reports and trigger automatic events from reports.

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

- Describe the architecture of the Windchill-Cognos connection.
- Identify Windchill data sources that may be used in Cognos.
- Configure Cognos.
- Make Cognos reports available in Windchill.
- Make Windchill queries available in Cognos.
- Author tabular reports.
- Filter, calculate, and group data in reports.
- Author graphical reports.
- Format legends and labels for graphical reports.
- Insert text, images, tables, and multiple graphs into reports.
- Author prompts and prompt pages.
- Create drill-through reports.
- Schedule reports.
Prerequisites

- Any Windchill 9.0 or 9.1 Business Administration course. This course may be for PDMLink, ProjectLink, Arbortext Content Manager, or Pro/INTRALINK.

Audience

- This course is designed for business administrators who want to create Windchill reports.
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>1</th>
<th>Configuring the Windchill-Cognos Connection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module</td>
<td>2</td>
<td>Creating Text Reports with Windchill Business Reporting</td>
</tr>
<tr>
<td>Module</td>
<td>3</td>
<td>Creating Charts with Windchill Business Reporting</td>
</tr>
<tr>
<td>Module</td>
<td>4</td>
<td>Formatting and Enhancing Windchill Business Reports</td>
</tr>
<tr>
<td>Module</td>
<td>5</td>
<td>Scheduling Reports and Notifications with Windchill Business Reporting Monitor</td>
</tr>
</tbody>
</table>
Windchill ProjectLink 9.1- Project Data Management

Overview

Course Code: SAB-CEK3227
Course Length: 4 Hours

In this course, you will learn how to function as a project manager within the Windchill environment. You will learn about creating projects, meaning you will create activities and milestones that define the project timeline. Additionally, you will learn how to assign ownership responsibility of the activities and milestones to your project's team members. You will learn how to update the project phase, status, and timeline. Finally, you will learn how to manage data using Windchill and Microsoft Project.

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 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.

Course Objectives

- Identifying steps involved in project management.
- Planning projects.
- Creating projects in Windchill.
- Creating activities, milestones, and summary activities.
- Creating project deliverables.
- Creating and managing action items.
- Updating projects.
- Monitoring project timeline.
- Using Microsoft Project with Windchill.
Prerequisites

- SAB-CEK2491 (Windchill PDMLink 9.0 - Application Orientation).
- Working knowledge of Windchill ProjectLink.

Audience

- This course is intended for project managers.
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>1</th>
<th>Introduction to Project Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module</td>
<td>2</td>
<td>Implementing Projects</td>
</tr>
<tr>
<td>Module</td>
<td>3</td>
<td>Managing Projects</td>
</tr>
</tbody>
</table>
Windchill ProjectLink 9.1 and Windchill PDMLink 9.1 Collaboration

Overview

<table>
<thead>
<tr>
<th>Course Code</th>
<th>SAB-CEK3228</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Length</td>
<td>2.5 Hours</td>
</tr>
</tbody>
</table>

In this Windchill ProjectLink 9.1 and Windchill PDMLink 9.1 Collaboration course, you will explore concepts that will help you understand the advantages of the integrated Windchill PDMLink and Windchill ProjectLink environment. You will also explore the environment and learn how to send Windchill PDMLink data to a project, and how to use Windchill ProjectLink data within a Windchill PDMLink context. Also, you will learn how to use context networks to share data and enable searches across application contexts in the same network.

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 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.

Course Objectives

- Describing the ProjectLink and PDMLink integrated environment.
- Navigating within the ProjectLink and PDMLink integrated environment.
- Using PDMLink data in projects.
- Sharing objects between ProjectLink and PDMLink.
- Performing a PDMLink check out from a product to a project.
- Using ProjectLink Data in PDMLink.
- Adding projects to PDMLink networks.
Prerequisites

- SAB-CEK2491 (Windchill PDMLink 9.0 - Application Orientation).
- Working knowledge of Windchill ProjectLink.

Audience

- The target audience for this course consists of users that will be using an integrated environment and already understand how to use both Windchill PDMLink 9.1 and Windchill ProjectLink 9.1.
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Introduction to Integrated Environment</td>
</tr>
<tr>
<td>2</td>
<td>Using Windchill PDMLink Data in Windchill ProjectLink Projects</td>
</tr>
<tr>
<td>3</td>
<td>Using Windchill ProjectLink Data in Windchill PDMLink</td>
</tr>
</tbody>
</table>
Windchill PDMLink 9.1 - Arbortext Document Management

Overview

Course Code: SAB-CEK3229
Course Length: 8 Hours

In this course, you will learn the basic skills necessary to use the Arbortext Integration to manage Arbortext Editor documents in the Arbortext Content Manager environment. The course covers the basic operations to upload, check in, and check out Arbortext documentation from Arbortext Content Manager. These skills are important because they enable a user to apply Arbortext Content Manager capabilities toward meeting a company’s Content Management goals.

At the end of 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

- Logging on and connecting to Arbortext Content Manager.
- Understanding and using Workspaces.
- Searching and browsing for Dynamic Documents.
- Sharing Arbortext Documents.
- Using and managing Visualization.
- Generating and managing published content.
- Understanding and using Burst Configuration files.
- Creating and using Managed Baselines.

Prerequisites

- Basic browser and Web navigation skills.
- Basic understanding of Arbortext Editor functionality.
- Basic understanding of Project Management processes and deliverables.

Audience

- This course is intended for End Users that generate documentation in Arbortext Editor and need to manage the documentation in a Windchill environment.
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>1</th>
<th>Getting Started with Arbortext Integration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module</td>
<td>2</td>
<td>Sharing Arbortext Documents</td>
</tr>
<tr>
<td>Module</td>
<td>3</td>
<td>Modifying Arbortext Documents</td>
</tr>
<tr>
<td>Module</td>
<td>4</td>
<td>Managing Dynamic Documents</td>
</tr>
</tbody>
</table>
Using Windchill PDMLink 9.1 for ECAD Users

Overview

Course Code  SAB-CEK3230
Course Length  15 hours

In this course, you will learn key capabilities and features of PDMLink data management and how to use PDMLink to manage design information. Specifically, you will focus on the day-to-day data management tasks required by the ECAD engineer, including how to view ECAD data, upload ECAD data, associate ECAD data to the eBOM, 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 ProductView Lite to view and manipulate models, drawings, and images.
- Use various tools to view and manipulate ECAD viewables.
- Manage ECAD information in Windchill.
- Create product structures and configurations.
- Create and manage documents.
- Understand and participate in Windchill's change management system.
- Use Windchill's communication and collaboration capabilities.
- Perform common Windchill tasks.
Prerequisites

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

Audience

- This course is intended for Design Engineers who manage and generate ECAD data.
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Introduction to the Windchill Environment</td>
</tr>
<tr>
<td>Module 2</td>
<td>Locating Information</td>
</tr>
<tr>
<td>Module 3</td>
<td>Viewing Information</td>
</tr>
<tr>
<td>Module 4</td>
<td>Introduction to Visualization</td>
</tr>
<tr>
<td>Module 5</td>
<td>Viewing and Interrogating Viewables</td>
</tr>
<tr>
<td>Module 6</td>
<td>Exploding and Sectioning Models</td>
</tr>
<tr>
<td>Module 7</td>
<td>Annotating Viewables</td>
</tr>
<tr>
<td>Module 8</td>
<td>Introduction to ECAD Visualization</td>
</tr>
<tr>
<td>Module 9</td>
<td>Viewing and Analyzing ECAD Designs</td>
</tr>
<tr>
<td>Module 10</td>
<td>Comparing ECAD Designs</td>
</tr>
<tr>
<td>Module 11</td>
<td>Exchanging Electronic Markups</td>
</tr>
<tr>
<td>Module 12</td>
<td>ECAD Data Management Overview</td>
</tr>
<tr>
<td>Module 13</td>
<td>Installing and Configuring Workgroup Manager for ECAD</td>
</tr>
<tr>
<td>Module 14</td>
<td>Managing ECAD Data</td>
</tr>
<tr>
<td>Module 15</td>
<td>Introduction to Product Structure Management</td>
</tr>
<tr>
<td>Module 16</td>
<td>Creating Product Structures</td>
</tr>
<tr>
<td>Module 17</td>
<td>Using the Product Structure Explorer (PSE)</td>
</tr>
<tr>
<td>Module 18</td>
<td>Product Structure Configurations</td>
</tr>
<tr>
<td>Module 19</td>
<td>Advanced Product Structure Management</td>
</tr>
<tr>
<td>Module 20</td>
<td>Managing Documents</td>
</tr>
<tr>
<td>Module 21</td>
<td>Introduction to the Change Process</td>
</tr>
<tr>
<td>Module 22</td>
<td>Creating Change Requests</td>
</tr>
<tr>
<td>Module 23</td>
<td>Creating Change Notices</td>
</tr>
<tr>
<td>Module 24</td>
<td>Implementing Changes</td>
</tr>
<tr>
<td>Module 25</td>
<td>Managing Your Work</td>
</tr>
<tr>
<td>Module 26</td>
<td>Participating in Processes</td>
</tr>
<tr>
<td>Module 27</td>
<td>Performing Common Tasks</td>
</tr>
</tbody>
</table>
Using Windchill PDMLink 9.1 for CATIA Users

Overview

Course Code  SAB-CEK3231
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 design information. Specifically, you will focus on the day-to-day data management tasks required by the CATIA user, including how to upload CAD data, associate CAD data to the eBOM, 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 ProductView Lite to view and manipulate models, drawings, and images.
- Manage CATIA design information in Windchill.
- Create product structures and configurations.
- Create and manage documents.
- Understand and participate in Windchill's change management system.
- Use Windchill's communication and collaboration capabilities.
- Perform common Windchill tasks.

Prerequisites

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

Audience

- This course is intended for Design Engineers who use CATIA.
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Introduction to the Windchill Environment</td>
</tr>
<tr>
<td>Module 2</td>
<td>Locating Information</td>
</tr>
<tr>
<td>Module 3</td>
<td>Viewing Information</td>
</tr>
<tr>
<td>Module 4</td>
<td>Introduction to Visualization</td>
</tr>
<tr>
<td>Module 5</td>
<td>Viewing and Interrogating Viewables</td>
</tr>
<tr>
<td>Module 6</td>
<td>Exploding and Sectioning Models</td>
</tr>
<tr>
<td>Module 7</td>
<td>Annotating Viewables</td>
</tr>
<tr>
<td>Module 8</td>
<td>Getting Started with CAD Data Management</td>
</tr>
<tr>
<td>Module 9</td>
<td>Initiating New Designs and Sharing Design Information</td>
</tr>
<tr>
<td>Module 10</td>
<td>Modifying and Managing Design Information</td>
</tr>
<tr>
<td>Module 11</td>
<td>Managing Family Tables</td>
</tr>
<tr>
<td>Module 12</td>
<td>Introduction to Product Structure Management</td>
</tr>
<tr>
<td>Module 13</td>
<td>Creating Product Structures</td>
</tr>
<tr>
<td>Module 14</td>
<td>Using the Product Structure Explorer (PSE)</td>
</tr>
<tr>
<td>Module 15</td>
<td>Product Structure Configurations</td>
</tr>
<tr>
<td>Module 16</td>
<td>Advanced Product Structure Management</td>
</tr>
<tr>
<td>Module 17</td>
<td>Managing Documents</td>
</tr>
<tr>
<td>Module 18</td>
<td>Introduction to the Change Process</td>
</tr>
<tr>
<td>Module 19</td>
<td>Creating Change Requests</td>
</tr>
<tr>
<td>Module 20</td>
<td>Creating Change Notices</td>
</tr>
<tr>
<td>Module 21</td>
<td>Implementing Changes</td>
</tr>
<tr>
<td>Module 22</td>
<td>Managing Your Work</td>
</tr>
<tr>
<td>Module 23</td>
<td>Participating in Processes</td>
</tr>
<tr>
<td>Module 24</td>
<td>Performing Common Tasks</td>
</tr>
</tbody>
</table>
Using Windchill PDMLink 9.1 for Unigraphics Users

Overview

Course Code SAB-CEK3232
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 design information. Specifically, you will focus on the day-to-day data management tasks required by the Unigraphics user, including how to upload CAD data, associate CAD data to the eBOM, 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 ProductView Lite to view and manipulate models, drawings, and images.
- Manage Unigraphics design information in Windchill.
- Create product structures and configurations.
- Create and manage documents.
- Understand and participate in Windchill's change management system.
- Use Windchill's communication and collaboration capabilities.
- Perform common Windchill tasks.

Prerequisites

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

Audience

- This course is intended for Design Engineers who use Unigraphics.
<table>
<thead>
<tr>
<th>Module</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Introduction to the Windchill Environment</td>
</tr>
<tr>
<td>2</td>
<td>Locating Information</td>
</tr>
<tr>
<td>3</td>
<td>Viewing Information</td>
</tr>
<tr>
<td>4</td>
<td>Introduction to Visualization</td>
</tr>
<tr>
<td>5</td>
<td>Viewing and Interrogating Viewables</td>
</tr>
<tr>
<td>6</td>
<td>Exploding and Sectioning Models</td>
</tr>
<tr>
<td>7</td>
<td>Annotating Viewables</td>
</tr>
<tr>
<td>8</td>
<td>Getting Started with CAD Data Management</td>
</tr>
<tr>
<td>9</td>
<td>Initiating New Designs and Sharing Design Information</td>
</tr>
<tr>
<td>10</td>
<td>Modifying and Managing Design Information</td>
</tr>
<tr>
<td>11</td>
<td>Managing Family Tables</td>
</tr>
<tr>
<td>12</td>
<td>Introduction to Product Structure Management</td>
</tr>
<tr>
<td>13</td>
<td>Creating Product Structures</td>
</tr>
<tr>
<td>14</td>
<td>Using the Product Structure Explorer (PSE)</td>
</tr>
<tr>
<td>15</td>
<td>Product Structure Configurations</td>
</tr>
<tr>
<td>16</td>
<td>Advanced Product Structure Management</td>
</tr>
<tr>
<td>17</td>
<td>Managing Documents</td>
</tr>
<tr>
<td>18</td>
<td>Introduction to the Change Process</td>
</tr>
<tr>
<td>19</td>
<td>Creating Change Requests</td>
</tr>
<tr>
<td>20</td>
<td>Creating Change Notices</td>
</tr>
<tr>
<td>21</td>
<td>Implementing Changes</td>
</tr>
<tr>
<td>22</td>
<td>Managing Your Work</td>
</tr>
<tr>
<td>23</td>
<td>Participating in Processes</td>
</tr>
<tr>
<td>24</td>
<td>Performing Common Tasks</td>
</tr>
</tbody>
</table>
Using Windchill PDMLink 9.1 for SolidWorks Users

Overview

Course Code: SAB-CEK3233
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 design information. Specifically, you will focus on the day-to-day data management tasks required by the SolidWorks user, including how to upload CAD data, associate CAD data to the eBOM, 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 ProductView Lite to view and manipulate models, drawings, and images.
- Manage SolidWorks design information in Windchill.
- Create product structures and configurations.
- Create and manage documents.
- Understand and participate in Windchill’s change management system.
- Use Windchill’s communication and collaboration capabilities.
- Perform common Windchill tasks.

Prerequisites

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

Audience

- This course is intended for Design Engineers who use SolidWorks.
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Introduction to the Windchill Environment</td>
</tr>
<tr>
<td>2</td>
<td>Locating Information</td>
</tr>
<tr>
<td>3</td>
<td>Viewing Information</td>
</tr>
<tr>
<td>4</td>
<td>Introduction to Visualization</td>
</tr>
<tr>
<td>5</td>
<td>Viewing and Interrogating Viewables</td>
</tr>
<tr>
<td>6</td>
<td>Exploding and Sectioning Models</td>
</tr>
<tr>
<td>7</td>
<td>Annotating Viewables</td>
</tr>
<tr>
<td>8</td>
<td>Getting Started with CAD Data Management</td>
</tr>
<tr>
<td>9</td>
<td>Initiating New Designs and Sharing Design Information</td>
</tr>
<tr>
<td>10</td>
<td>Modifying and Managing Design Information</td>
</tr>
<tr>
<td>11</td>
<td>Managing Family Tables</td>
</tr>
<tr>
<td>12</td>
<td>Introduction to Product Structure Management</td>
</tr>
<tr>
<td>13</td>
<td>Creating Product Structures</td>
</tr>
<tr>
<td>14</td>
<td>Using the Product Structure Explorer (PSE)</td>
</tr>
<tr>
<td>15</td>
<td>Product Structure Configurations</td>
</tr>
<tr>
<td>16</td>
<td>Advanced Product Structure Management</td>
</tr>
<tr>
<td>17</td>
<td>Managing Documents</td>
</tr>
<tr>
<td>18</td>
<td>Introduction to the Change Process</td>
</tr>
<tr>
<td>19</td>
<td>Creating Change Requests</td>
</tr>
<tr>
<td>20</td>
<td>Creating Change Notices</td>
</tr>
<tr>
<td>21</td>
<td>Implementing Changes</td>
</tr>
<tr>
<td>22</td>
<td>Managing Your Work</td>
</tr>
<tr>
<td>23</td>
<td>Participating in Processes</td>
</tr>
<tr>
<td>24</td>
<td>Performing Common Tasks</td>
</tr>
</tbody>
</table>
Using Windchill PDMLink 9.1 for AutoCAD Users

Overview

Course Code  SAB-CEK3234
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 design information. Specifically, you will focus on the day-to-day data management tasks required by the AutoCAD user, including how to upload CAD data, associate CAD data to the eBOM, 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 ProductView Lite to view and manipulate models, drawings, and images.
- Manage AutoCAD design information in Windchill.
- Create product structures and configurations.
- Create and manage documents.
- Understand and participate in Windchill's change management system.
- Use Windchill's communication and collaboration capabilities.
- Perform common Windchill tasks.

Prerequisites

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

Audience

- This course is intended for Design Engineers who use AutoCAD.
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Introduction to the Windchill Environment</td>
</tr>
<tr>
<td>2</td>
<td>Locating Information</td>
</tr>
<tr>
<td>3</td>
<td>Viewing Information</td>
</tr>
<tr>
<td>4</td>
<td>Introduction to Visualization</td>
</tr>
<tr>
<td>5</td>
<td>Viewing and Interrogating Viewables</td>
</tr>
<tr>
<td>6</td>
<td>Exploding and Sectioning Models</td>
</tr>
<tr>
<td>7</td>
<td>Annotating Viewables</td>
</tr>
<tr>
<td>8</td>
<td>Getting Started with CAD Data Management</td>
</tr>
<tr>
<td>9</td>
<td>Initiating New Designs and Sharing Design Information</td>
</tr>
<tr>
<td>10</td>
<td>Modifying and Managing Design Information</td>
</tr>
<tr>
<td>11</td>
<td>Introduction to Product Structure Management</td>
</tr>
<tr>
<td>12</td>
<td>Creating Product Structures</td>
</tr>
<tr>
<td>13</td>
<td>Using the Product Structure Explorer (PSE)</td>
</tr>
<tr>
<td>14</td>
<td>Product Structure Configurations</td>
</tr>
<tr>
<td>15</td>
<td>Advanced Product Structure Management</td>
</tr>
<tr>
<td>16</td>
<td>Managing Documents</td>
</tr>
<tr>
<td>17</td>
<td>Introduction to the Change Process</td>
</tr>
<tr>
<td>18</td>
<td>Creating Change Requests</td>
</tr>
<tr>
<td>19</td>
<td>Creating Change Notices</td>
</tr>
<tr>
<td>20</td>
<td>Implementing Changes</td>
</tr>
<tr>
<td>21</td>
<td>Managing Your Work</td>
</tr>
<tr>
<td>22</td>
<td>Participating in Processes</td>
</tr>
<tr>
<td>23</td>
<td>Performing Common Tasks</td>
</tr>
</tbody>
</table>
Using Windchill PDMLink 9.1 for Arbortext Document Editors and Authors

Overview

Course Code: SAB-CEK3235
Course Length: 9 hours

In this course, you will learn key capabilities and features of PDMLink data management and how to use the Arbortext Integration to manage Arbortext Editor documents in the Windchill PDMLink environment. The course covers the basic operations to upload, check in, and check out Arbortext documentation from the Windchill system. You will also focus on other day-to-day data management tasks including how to 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 within Windchill.
- Locate information by executing searches and browsing contexts.
- View the attributes, content, and relationships of Windchill objects.
- Use ProductView Lite to view and manipulate models, drawings, documents, and images.
- Share Arbortext Documents.
- Generate and manage published content.
- Understand and use burst configuration files.
- Understand document management fundamentals.
- Obtain a basic understanding of Windchill's change management system.
- Use Windchill's communication and collaboration capabilities.
- Perform common Windchill tasks.
Prerequisites

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

Audience

- This course is intended for End Users that generate documentation in Arbortext Editor and need to manage the documentation in a Windchill environment.
# Table of Contents

<table>
<thead>
<tr>
<th>Module</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module 1</td>
<td>Introduction to the Windchill Environment</td>
</tr>
<tr>
<td>Module 2</td>
<td>Locating Information</td>
</tr>
<tr>
<td>Module 3</td>
<td>Viewing Information</td>
</tr>
<tr>
<td>Module 4</td>
<td>Introduction to Visualization</td>
</tr>
<tr>
<td>Module 5</td>
<td>Viewing and Interrogating Viewables</td>
</tr>
<tr>
<td>Module 6</td>
<td>Getting Started with Arbortext Integration</td>
</tr>
<tr>
<td>Module 7</td>
<td>Sharing Arbortext Documents</td>
</tr>
<tr>
<td>Module 8</td>
<td>Modifying Arbortext Documents</td>
</tr>
<tr>
<td>Module 9</td>
<td>Managing Dynamic Documents</td>
</tr>
<tr>
<td>Module 10</td>
<td>Getting Started with Document Management</td>
</tr>
<tr>
<td>Module 11</td>
<td>Create Documents and Links</td>
</tr>
<tr>
<td>Module 12</td>
<td>Modifying and Managing Documents</td>
</tr>
<tr>
<td>Module 13</td>
<td>Working with Products</td>
</tr>
<tr>
<td>Module 14</td>
<td>Change Management Fundamentals</td>
</tr>
<tr>
<td>Module 15</td>
<td>Managing Your Work</td>
</tr>
<tr>
<td>Module 16</td>
<td>Communication and Collaboration</td>
</tr>
<tr>
<td>Module 17</td>
<td>Participating in Processes</td>
</tr>
<tr>
<td>Module 18</td>
<td>Manage Preferences</td>
</tr>
</tbody>
</table>