

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
-

Introduction to Windchill PDMLink 9.0/9.1

Course Code	TRN-2136-T
Course Length	2 Days

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

Module 1	Introduction to the Windchill PDMLink Environment
Module 2	Locating Product Information
Module 3	Viewing Product Information
Module 4	Initiating New Designs
Module 5	Sharing CAD Models
Module 6	Modifying CAD Models
Module 7	Fundamentals of Product Structures
Module 8	Creating Product Structures
Module 9	Introduction to Product Configuration Management

Day 2

Module 10	Managing Standard Documents
Module 11	Participating in Processes
Module 12	Managing Your Work
Module 13	Introduction to the Change Process
Module 14	Creating Change Requests
Module 15	Creating Change Notices
Module 16	Implementing Changes
Module 17	Communication and Collaboration

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

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

Day 2

Module 5	Automating Processes Using Life Cycles and Workflows
Module 6	Managing Domain Policies and Access Control
Module 7	Managing Teams
Module 8	Managing Organization Templates

Day 3

Module 9	Managing Object Type Behavior
Module 10	Managing Change
Module 11	Administrative Support Tools

Introduction to ProductView 9.0

Course Code	TRN-2140-T
Course Length	1 Day

Overview

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

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

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

Prerequisites

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

Audience

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

Topics

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

Agenda

Day 1

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

Windchill 9.0/9.1 System Administration

Course Code	TRN-2141-T
Course Length	3 Days

Overview

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

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

At the end of each 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

Module 1	Identifying Windchill System Components
Module 2	Installing Windchill Components
Module 3	Managing Windchill Services
Module 4	Performance Testing

Day 2

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

Day 3

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

Windchill 9.0 Workflow Administration

Course Code	TRN-2143-T
Course Length	2 Days

Overview

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

You will complete Pro/FICIENCY skills assessment questions for each module. These questions are used to help reinforce your understanding of the course topics and form the basis for daily review sessions.

After completing the course, you will be able to plan and configure workflow automation features to support your company's business processes.

Prerequisites

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

Audience

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

Topics

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

Agenda

Day 1

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

Day 2

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

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://jsptut.com>
- Completion of the following free JSTL sample tutorials or equivalent knowledge:
 - <http://www.onjava.com/pub/a/onjava/2002/08/14/jstl1.html>
 - Review <http://java.sun.com/products/jsp/reference/techart/unifiedEL.html>

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 Webjects 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

Module 1	Configuring Windchill Display Text
Module 2	Info*Engine Overview
Module 3	Info*Engine Webjects and Tasks
Module 4	The Info*Engine Task Editor

Day 2

Module 5	Dynamic Data
Module 6	Java, JSP and Tasks
Module 7	Transactions
Module 5	Dynamic Data

Day 3

Module 8	Industry Standard UI Technologies
Module 9	Windchill Client Architecture
Module 10	Adding Actions

Day 4

Module 11	Display a Basic Table
Module 12	Attributes
Module 13	Trees and Tables

Day 5

Module 14	Constructing Wizards
Module 15	Incorporating Pickers

Pro/ENGINEER Data Management using Windchill PDMLink 9.0

Course Code	TRN-2147-T
Course Length	1 Day

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

Module 1	Getting Started with Pro/ENGINEER Data Management
Module 2	Initiating New Designs and Sharing Design Information
Module 3	Modifying and Managing Design Information
Module 4	Understanding File Relationships and Dependencies
Module 5	Managing Family Tables
Module 6	Managing the Workspace Environment

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

Module 1	Introduction to MPM and MPMLink
Module 2	Introduction to the Windchill MPMLink Environment
Module 3	Introduction to Manufacturing Resources and Manufacturing Standards
Module 4	Transforming eBOM to mBOM
Module 5	Creating the Process Plans

Day 2

Module 6	Refining the Process Plan
Module 7	Finalizing the Process Plan
Module 8	Creating and Managing Manufacturing Resources
Module 9	Creating and Managing Manufacturing Standards

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

Module 1	Process Overview
Module 2	Planning a Migration
Module 3	Preparing the Systems for Migration
Module 4	Installing the Pro/INTRALINK Data Migrator

Day 2

Module 5	Data Mapping
Module 6	Identifying and Resolving Conflicts
Module 7	Conducting a Full Migration
Module 8	Migrating WTParts to PDMLink

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

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

Day 2

Module 7	Understanding File Relationships and Dependencies
Module 8	Managing Family Tables
Module 9	Managing the Workspace Environment
Module 10	Participating in Processes
Module 11	Managing Your Work
Module 12	Communication and Collaboration

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

Module 1	Introduction to Visualization
Module 2	Getting Around in ProductView
Module 3	Viewing and Interrogating a ProductView Model
Module 4	Deconstructing a ProductView Model
Module 5	Annotating a ProductView Model
Module 6	Working with Construction Geometry
Module 7	Working with Product Structure and Model Parts
Module 8	Working with Drawings, Images, and Documents

Introduction to Windchill MPMLink 9.1

Course Code	TRN-2207-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, 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

Module 1	Introduction to MPM and MPMLink
Module 2	Introduction to the Windchill MPMLink Environment
Module 3	Introduction to Manufacturing Resources and Manufacturing Standards
Module 4	Transforming eBOM to mBOM

Day 2

Module 5	Creating the Process Plan
Module 6	Refining the Process Plan
Module 7	Finalizing the Process Plan

Pro/ENGINEER Data Management using Windchill PDMLink 9.1

Course Code	TRN-2208-T
Course Length	1 Day

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

Module 1	Getting Started with Pro/ENGINEER Data Management
Module 2	Initiating New Designs and Sharing Design Information
Module 3	Modifying and Managing Design Information
Module 4	Understanding File Relationships and Dependencies
Module 5	Managing Family Tables
Module 6	Managing the Workspace Environment
Module 7	PDMLink 9.1 Pro/ENGINEER Data Management Enhancements

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 - Annotating 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
 - 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
-

Windchill PDMLink 9.0 - Application Orientation

Course Code	SAB-CEK2491
Course Length	3 Hours

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

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

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

Module 1	Initiating New Designs
Module 2	Sharing CAD Models
Module 3	Modifying CAD Models

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

Module 1	Fundamentals of Product Structures
Module 2	Creating Product Structures
Module 3	Introduction to Product Configuration Management

Windchill PDMLink 9.0 - Standard Document Management

Course Code	SAB-CEK2494
Course Length	1 Hour

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/FICIENCY skills assessment questions. These questions are used to help reinforce your understanding of the course topics.

After completing this course, you will be able to:

- Create and 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

Course Code	SAB-CEK2495
Course Length	2 Hours

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

Module 1	Participating in Processes
Module 2	Managing Your Work

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

Course Code	SAB-CEK2497
Course Length	1 Hour

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
----------	------------------------------------

Windchill PDMLink 9.0 - Change Management

Course Code	SAB-CEK2498
Course Length	3 Hours

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

Module 1	Creating Change Requests
Module 2	Creating Change Notices
Module 3	Implementing Changes

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

Module 1	Introduction to the PDMLink Environment
Module 2	Locating Product Information
Module 3	Viewing Product Information
Module 4	Introduction to Windchill PDMLink Business Administration

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

Module 1	Introduction to Windchill PDMLink Business Administration
Module 2	Managing Principals
Module 3	Managing Objects, Object Types, and Object Attributes
Module 4	Managing Contexts
Module 5	Automating Processes using Life Cycles and Workflows
Module 6	Managing Domain Policies and Access Control
Module 7	Managing Teams
Module 8	Managing Organization Templates
Module 9	Managing Object Type Behavior
Module 10	Managing Change
Module 11	Administrative Support Tools
Appendix A	Windchill 9.1 Business Administration Enhancements

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

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

ProductView 9.0 - Annotations and Sectioning

Course Code	SAB-CEK2507
Course Length	3 Hours

Overview

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

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

After completing this course, you will be able to:

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

Prerequisites

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

Audience

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

Topics

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

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

Table of Contents

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

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

Module 1	Identifying Windchill System Components
Module 2	Installing Windchill Components
Module 3	Managing Windchill Services
Module 4	Performance Testing
Module 5	External File Storage
Module 6	Data Replication
Module 7	Tuning Application Server
Module 8	Tuning Workflow Processes
Module 9	Oracle Performance Tuning
Module 10	Windchill Backup and Recovery
Module 11	Windchill Infrastructure Security
Appendix A	Windchill 9.1 System Administration Enhancements

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

Module 1	Getting Started with Pro/ENGINEER Data Management
Module 2	Initiating New Designs and Sharing Design Information
Module 3	Modifying and Managing Design Information
Module 4	Understanding File Relationships and Dependencies
Module 5	Managing Family Tables
Module 6	Managing the Workspace Environment

Windchill MPMLink 9.0 - Application Orientation

Course Code	SAB-CEK2643
Course Length	2 Hours

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

Module 1	Introduction to MPM and MPMLink
Module 2	Introduction to the Windchill MPMLink Environment

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/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:

- 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

Module 1	Introduction to Manufacturing Resources and Manufacturing Standards
Module 2	Transforming eBOM to mBOM
Module 3	Creating the Process Plan
Module 4	Refining the Process Plan
Module 5	Finalizing the Process Plan

Windchill MPMLink 9.0 - Managing Manufacturing Resources and Standards

Course Code	SAB-CEK2645
Course Length	2 Hours

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

Module 1	Creating and Managing Manufacturing Resources
Module 2	Creating and Managing Manufacturing Standards

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

Module 1	Process Overview
Module 2	Planning a Migration
Module 3	Preparing the Systems for Migration
Module 4	Installing the Pro/INTRALINK Data Migrator
Module 5	Data Mapping
Module 6	Identifying and Resolving Conflicts
Module 7	Conducting a Full Migration
Module 8	Migrating WTParts to PDMLink

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 of Contents

Module 1	Introduction to the Windchill PDMLink Environment
Module 2	Locating Product Information
Module 3	Viewing Product Information
Module 4	Getting Started with Pro/ENGINEER Data Management
Module 5	Initiating New Designs and Sharing Design Information
Module 6	Modifying and Managing Design Information
Module 7	Understanding File Relationships and Dependencies
Module 8	Managing Family Tables
Module 9	Managing the Workspace Environment
Module 10	Participating in Processes
Module 11	Managing Your Work
Module 12	Communication and Collaboration

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

Module 1	Introduction to Visualization
Module 2	Getting Around in ProductView
Module 3	Viewing and Interrogating a ProductView Model
Module 4	Deconstructing a ProductView Model
Module 5	Annotating a ProductView Model
Module 6	Working with Construction Geometry
Module 7	Working with Product Structure and Model Parts
Module 8	Working with Drawings, Images, and Documents

Introduction to Windchill MPMLink 9.1

Course Code	SAB-CEK2920
Course Length	16 Hours

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

Module 1	Introduction to MPM and MPMLink
Module 2	Introduction to the Windchill MPMLink Environment
Module 3	Introduction to Manufacturing Resources and Manufacturing Standards
Module 4	Transforming eBOM to mBOM
Module 5	Creating the Process Plan
Module 6	Refining the Process Plan
Module 7	Finalizing the Process Plan

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

Module 1	Getting Started with Pro/ENGINEER Data Management
Module 2	Initiating New Designs and Sharing Design Information
Module 3	Modifying and Managing Design Information
Module 4	Understanding File Relationships and Dependencies
Module 5	Managing Family Tables
Module 6	Managing the Workspace Environment
Module 7	PDMLink 9.1 Pro/ENGINEER Data Management Enhancements

Windchill 9.0 Customization Overview

Course Code	SAB-CEK2374
Course Length	1 Hour

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

Module 1	Windchill Customization Technologies
----------	--------------------------------------

Windchill ProjectLink 9.0 and Windchill PDMLink 9.0 Collaboration

Course Code	SAB-CEK2379
Course Length	3 Hours

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

Module 1	Introduction to the Windchill ProjectLink and Windchill PDMLink Integrated Environment
Module 2	Using Windchill PDMLink data in a Windchill ProjectLink Project
Module 3	Using Windchill ProjectLink Project Data in Windchill PDMLink

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

Module 1	ECAD Data Management Overview
Module 2	Installing and Configuring Workgroup Manager for ECAD
Module 3	Managing ECAD Data

ECAD Visualization for Windchill 9.1

Course Code	SAB-CEK2383
Course Length	3 Hours

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

Module 1	Introduction to ECAD Visualization
Module 2	Viewing and Analyzing ECAD Designs
Module 3	Comparing ECAD Designs
Module 4	Exchanging Electronic Markups

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

Module 1	Getting Started with Unigraphics Data Management
Module 2	Initiating New Designs and Sharing Design Information
Module 3	Modifying and Managing Design Information
Module 4	Managing Part Families

SolidWorks Data Management using Windchill PDMLink 9.0

Course Code	SAB-CEK2386
Course Length	4 Hours

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

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

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

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

AutoCAD Data Management using Windchill PDMLink 9.0

Course Code	SAB-CEK2875
Course Length	3 Hours

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

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

Pro/ENGINEER Data Management Update from Windchill PDMLink 8.0 to 9.0

Course Code	SAB-CEK2937
Course Length	3 Hours

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

Module 1	Pro/ENGINEER Data Management PDMLink 9.0 User Interface Changes
Module 2	Pro/ENGINEER Data Management PDMLink 9.0 Enhancements
