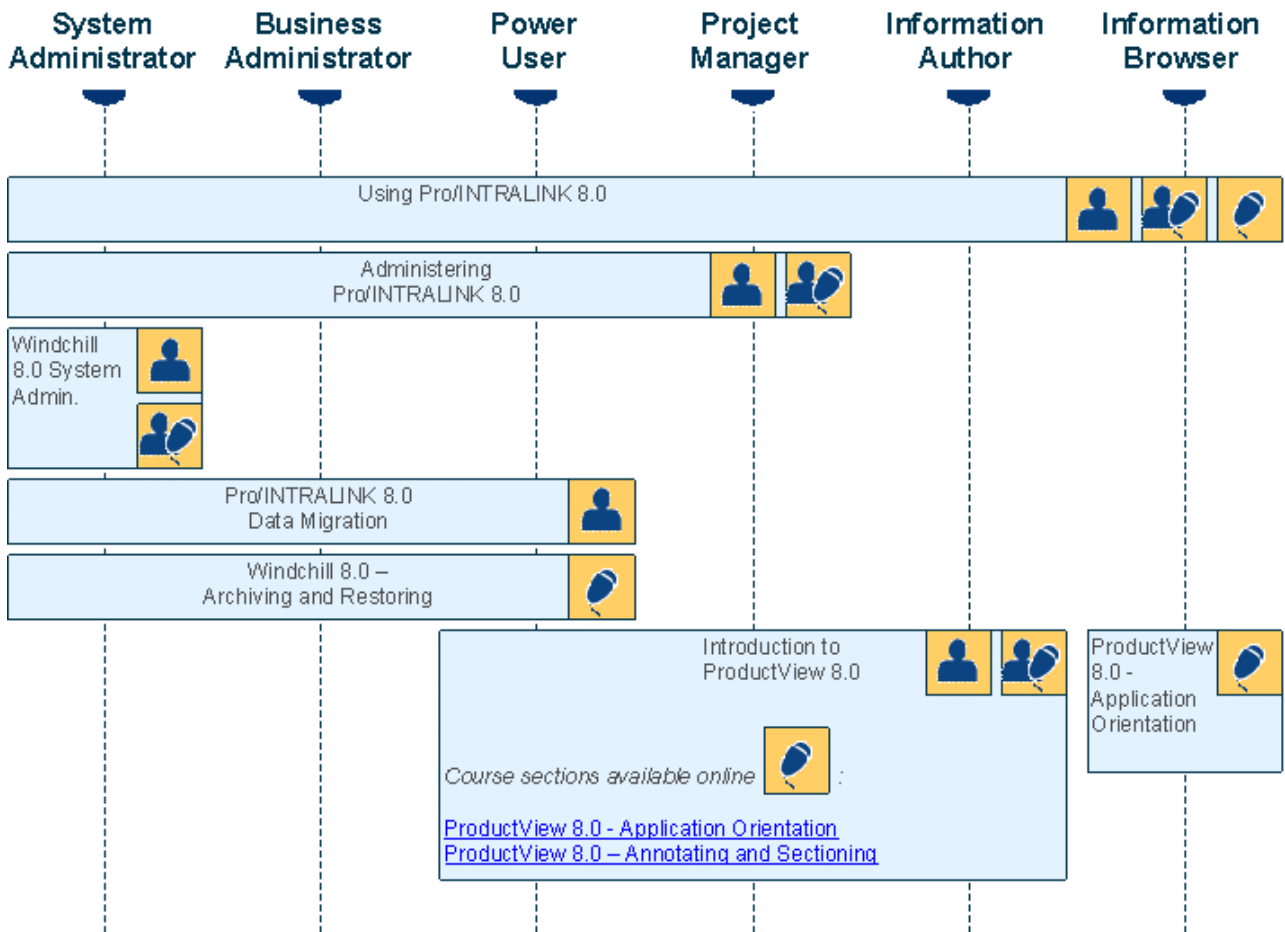
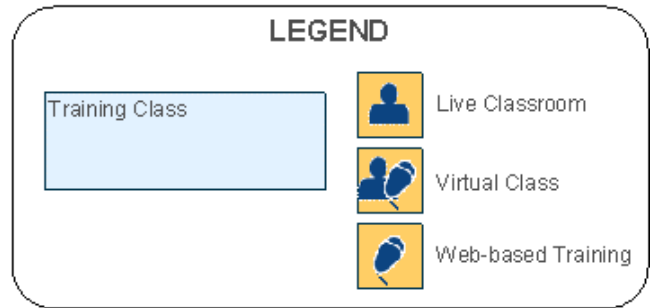


Pro/INTRALINK 8.0

Curriculum Guide

NOTE: For a graphical depiction of the curriculum based on job role, please visit this page:
http://www.ptc.com/services/edserv/learning/paths/ptc/proi_80.htm

Pro/INTRALINK 8.0 Curriculum



Live Classroom Curriculum Guide

- Pro/INTRALINK 8.0 Data Migration
 - Administering Pro/INTRALINK 8.0
 - Using Pro/INTRALINK 8.0
 - Windchill 8.0 System Administration
 - Introduction to ProductView 8.0
-

Pro/INTRALINK 8.0 Data Migration

Course Code	TRN-1820-T
Course Length	2 Days

Learning Objectives

In this course, you will learn how to perform a production migration from Pro/INTRALINK 3.x to Pro/INTRALINK 8.0 or Windchill PDMLink 8.0. You will also learn how to scope a migration effort, plan for the resources needed, and conduct a full migration.

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

Prerequisites

- Student must be a system administrator for a production Pro/INTRALINK 3.4 system at their site.
- Student must have taken Pro/INTRALINK 8.0 Business Administration or Windchill PDMLink 8.0 Business Administration.

Audience

This course is designed for customers who have chosen to lead a migration from Pro/INTRALINK 3.x to Pro/INTRALINK 8.0 or Windchill PDMLink 8.0.

Topics

- Overview of the Migration Process
- Planning a Migration
- Identifying Data Conflicts
- Resolving Data Conflicts
- Performing a Rehearsal Migration
- Performing a Production Migration

Agenda

Day 1

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

Day 2

Module 4	Identifying and Resolving Conflicts
Module 5	Conducting a Full Migration

Administering Pro/INTRALINK 8.0

Course Code	TRN-1825-T
Course Length	3 Days

Overview

Pro/INTRALINK 8.0 is designed to help manufacturers control design information and manage the processes associated with product development. In this course, you will learn how to perform basic Pro/INTRALINK 8.0 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 include life cycles, teams, and configuring domain policies. These skills enable you as a business administrator to configure Pro/INTRALINK to meet your business needs.

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 this course, you will be well-prepared to set up and manage a basic Pro/INTRALINK implementation at your company.

Prerequisites

- Using Pro/INTRALINK 8.0 instructor-led training course.
- Knowledge of your company's information 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 Pro/INTRALINK administration responsibilities will also benefit from taking this course.

Topics

- Installing Pro/INTRALINK 8.0 Components
- 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.
- Working with Pro/INTRALINK administration support tools.

Agenda

Day 1

Module 1	Introduction to Administering Pro/INTRALINK 8.0
Module 2	Installing Pro/INTRALINK 8.0 Components
Module 3	Managing Principals

Day 2

Module 4	Managing Products and Libraries
Module 5	Automating Processes using Life Cycles
Module 6	Managing Policies and Auditing System Events
Module 7	Managing Teams

Day 3

Module 8	Managing Organization Templates
Module 9	Managing Objects, Object Types, and Object Attributes
Module 10	Administrative Support Tools

Using Pro/INTRALINK 8.0

Course Code	TRN-1826-T
Course Length	2 Days

Overview

Pro/INTRALINK 8.0 is designed to simplify Pro/ENGINEER data management, enhance end-user productivity, improve security, improve integration with PTC's Product Development System, and better support global Pro/ENGINEER collaboration.

In this course, you will learn how to complete basic Pro/INTRALINK functions. You will learn how to access and navigate the Pro/INTRALINK environment, manage information, locate and view product information, manage assigned tasks, and manage product information changes. You will also learn how to use Pro/INTRALINK's communication and collaboration tools and access user support functions and information.

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 Pro/INTRALINK tasks and activities, as well as have a better understanding of the Pro/INTRALINK system implementation at your company.

Duration

2 days

Prerequisites

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

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 Pro/INTRALINK 8.0
- Navigating the Pro/INTRALINK 8.0 Environment
- Locating and viewing product information
- Using workspaces
- Managing CAD models
- Managing baselines
- Creating and modifying documents
- Participating in processes
- Managing work
- Communicating and collaborating

Agenda

Day 1

Module 1	Introduction to Pro/INTRALINK 8.0
Module 2	Navigating the Pro/INTRALINK 8.0 Environment
Module 3	Locating Product Information
Module 4	Viewing Product Information
Module 5	Using Workspaces
Module 6	Managing CAD Models

Day 2

Module 7	Managing Baselines
Module 8	Creating and Modifying Documents
Module 9	Participating in Processes
Module 10	Managing Work
Module 11	Communicating and Collaborating

Windchill 8.0 System Administration

Course Code	TRN-1722-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, plan and run basic backup and recovery procedures, and how to shut down and start Windchill servers. You will also learn how to plan the migration of data and users into a new Windchill database, and how to manage a distributed system environment. Other topics include managing system performance with Oracle 9i, managing memory and CPU allocation, troubleshooting queues, and monitoring firewall activity and security.

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

Prerequisites

- Introduction to PDMLink 8.0.
- Familiarity with the Windows command prompts, including the ability to navigate to, copy, and execute files from the command prompt.
- Ability to form and execute a SQL SELECT statement from SQL Plus.
- PDMLink 8.0 Business Administration (Optional).

Audience

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

Topics

- Identify the Windchill system components
- Install Info*Engine and prerequisite components
- Install Oracle 9i
- Install Windchill Servers
- Install and configure Windchill visualization services
- Install and configure Pro/ENGINEER for Windchill
- Bulk load data into Windchill
- Windchill load testing
- Implement Content Vaulting, Replication, and Cache
- Configuring and tuning Windchill components
- Administer Windchill Background Queues

- Configuring and tuning Oracle components
- Plan Monolithic, Distributed, Segmented, and Clustered Windchill Architectures
- Back up Windchill programs and data
- Secure a Windchill system using SSL and Firewalls

Agenda

Day 1

Module 1	Managing Windchill Runtime Services
Module 2	Installing Windchill 8.0 Components
Module 3	Establishing Performance Tuning Process

Day 2

Module 4	Distributing Contents for Performance
Module 5	Distributing Workflow Queues for Performance
Module 6	Distributing Processes for Performance

Day 3

Module 7	Tuning the Windchill Database
Module 8	Performing Windchill Backup and Recovery
Module 9	Securing Windchill System
Appendix A	Converting Windchill Processes into Windows Services

Introduction to ProductView 8.0

Course Code	TRN-1824-T
Course Length	1 Day

Overview

Introduction to ProductView 8.0 gives you a basic understanding of the ProductView standard client application and how it functions in conjunction with the Pro/INTRALINK 8.0 and Windchill ProjectLink/PDMLink environments.

In this course, we will focus on the 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 PDMLink 8.0
- Windchill ProjectLink 8.0
- Pro/INTRALINK 8.0

Through exercises you will learn to use the ProductView interface to:

- Orient and interrogate 3-D models.
- Explode components.
- Measure 2-D and 3-D geometry on models.
- Section models.
- Annotate and mark-up models.
- Query model data.
- 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 PDMLink 8.0 or
- Introduction to ProjectLink 8.0

Audience

This course is intended for all enterprise data users that use the ProductView 8.0 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

Web Based Curriculum Guide

- Using Pro/INTRALINK 8.0
 - Introduction to ProductView 8.0
 - Windchill 8.0 Archiving and Restoring
 - ProductView 8.0 - Application Orientation
 - ProductView 8.0 - Annotations and Sectioning
-

Using Pro/INTRALINK 8.0

Course Code	TRN-WBT1826-S
Course Length	16 Hours

Overview

Pro/INTRALINK 8.0 is designed to simplify Pro/ENGINEER data management, enhance end-user productivity, improve security, improve integration with PTC's Product Development System, and better support global Pro/ENGINEER collaboration.

In this course, you will learn how to complete basic Pro/INTRALINK functions. You will learn how to access and navigate the Pro/INTRALINK environment, manage information, locate and view product information, manage assigned tasks, and manage product information changes. You will also learn how to use Pro/INTRALINK's communication and collaboration tools and access user support functions and information.

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 Pro/INTRALINK tasks and activities, as well as have a better understanding of the Pro/INTRALINK system implementation at your company.

Duration

2 days

Prerequisites

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

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 Pro/INTRALINK 8.0
- Navigating the Pro/INTRALINK 8.0 Environment
- Locating and viewing product information
- Using workspaces
- Managing CAD models
- Managing baselines
- Creating and modifying documents
- Participating in processes
- Managing work
- Communicating and collaborating

Table of Contents

Module 1	Introduction to Pro/INTRALINK 8.0
Module 2	Navigating the Pro/INTRALINK 8.0 Environment
Module 3	Locating Product Information
Module 4	Viewing Product Information
Module 5	Using Workspaces
Module 6	Managing CAD Models
Module 7	Managing Baselines
Module 8	Creating and Modifying Documents
Module 9	Participating in Processes
Module 10	Managing Work
Module 11	Communicating and Collaborating

Introduction to ProductView 8.0

Course Code	TRN-WBT1824-S
Course Length	5 Hours

Overview

Introduction to ProductView 8.0 gives you a basic understanding of the ProductView standard client application and how it functions in conjunction with the Pro/INTRALINK 8.0 and Windchill ProjectLink/PDMLink environments.

In this course, we will focus on the 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 PDMLink 8.0
- Windchill ProjectLink 8.0
- Pro/INTRALINK 8.0

Through exercises you will learn to use the ProductView interface to:

- Orient and interrogate 3-D models.
- Explode components.
- Measure 2-D and 3-D geometry on models.
- Section models.
- Annotate and mark-up models.
- Query model data.
- 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 PDMLink 8.0 or
- Introduction to ProjectLink 8.0

Audience

This course is intended for all enterprise data users that use the ProductView 8.0 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

Table of Contents

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

Windchill 8.0 Archiving and Restoring

Course Code	TRN-WBT1841-S
Course Length	2 Hours

Overview

Archive and Purge allow you to remove data from your Windchill or Pro/INTRALINK 8.0 system while preserving a reasonable working set of data for end users. The archive functionality includes the ability to restore archived data, if the data is needed in the production system. The ability to archive and purge reduces the amount of unnecessary data in Windchill and minimizes the usage of server resources, such as disk storage, server memory, and server CPU. Purging information from Windchill may improve system performance and reduce backup storage space, as well as reduce backup and recovery time. After completing this course, you will be able to install and configure the Windchill Archive software. You will also be able to manage purge, archive, and restore tasks, which enable you to manage information storage for your Windchill implementation.

Prerequisites

- Completion of either the Administering Pro/INTRALINK 8.0 or Windchill PDMLink 8.0 Business Administration instructor-led training courses.
- Completion of the Windchill 8.0 System Administration instructor-led training course is recommended.
- Knowledge of your Windchill system's data storage architecture.

Audience

This course is intended for Windchill business and system administrators.

Topics

- Overview of Windchill Archive, Purge, and Restore.
- Installing the Windchill Archive Server.
- Configuring the Windchill Archive Server.
- Installing the Windchill Archive Client.
- Managing Data using Purge and Archive.

Table of Contents

Module 1	Windchill Purge, Archive, and Restore Overview
Module 2	Installing the Windchill Archive Server
Module 3	Configuring the Windchill Archive Server
Module 4	Installing the Windchill Archive Client
Module 5	Managing Data using Purge and Archive

ProductView 8.0 - Application Orientation

Course Code	TRN-WBT1870-S
Course Length	2 Hrs

Overview

ProductView is the primary means to visualize data within PDMLink, ProjectLink, and Pro/INTRALINK. In this course, you learn about the capabilities of the ProductView 8.0 standard client. You learn how to launch ProductView from PDMLink though this same skill can also be applied to ProjectLink or Pro/INTRALINK. You also learn how to use ProductView's capabilities on 3-D models and 2-D drawings. Finally, you 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.

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 8.0 - Annotations and Sectioning

Course Code	TRN-WBT1871-S
Course Length	3 Hrs

Overview

In this course, you learn several different methods to create construction geometry. Construction geometry is useful when measuring distances, sectioning models, creating mark-ups, and creating constraints. You learn how to create annotation sets within a PDM system, such as Windchill PDMLink or Windchill ProjectLink. You 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 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.
- T1870-080 ProductView 8.0 – 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 Sections and Geometry
Module 2	Creating Annotations
Module 3	Sectioning Models