

## Business Administration of PTC Windchill PartsLink Classification and Reuse 11.0

### Overview

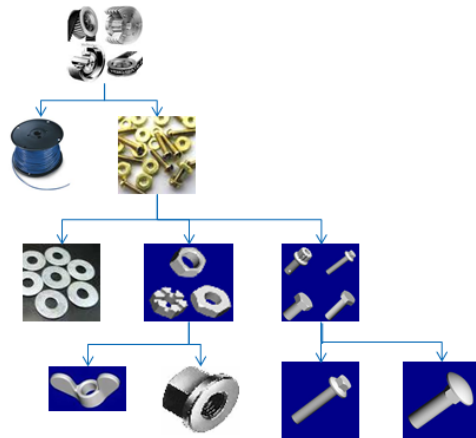
Course Code	TRN-4820-T
Course Length	8 Hours

In this course, you will learn to use and administer Windchill PartsLink Classification and Reuse. You will begin by identifying classification search and the business uses it can serve. Then, you will use PartsLink to search for, browse to, create, and classify parts.

Later in the course, you will configure the Windchill PartsLink environment to set up a classification tree and classification binding attributes. Then, you will administer Windchill PartsLink by editing existing classification structures and creating new classification structures. Finally, you will learn to import a catalog of parts into Windchill using the import from spreadsheet functionality.

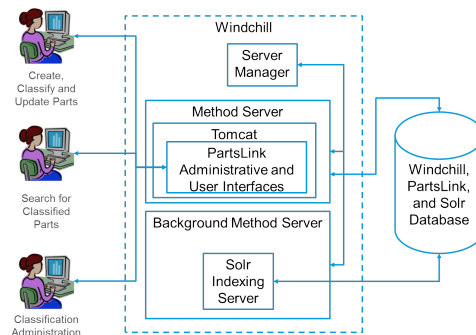
At the end of each module, you will complete a set of review questions to reinforce critical topics from that module. At the end of the course, you will complete a course assessment in Pro/FICIENCY intended to evaluate your understanding of the course as a whole.

This course has been developed using Windchill 11.0 F000.



### Course Objectives

- Identify the need for parts classification
- Identify the parts of the Windchill user interface that are added with the optional PartsLink module
- Describe classification-based search capabilities
- Browse to classified parts
- Search for classified parts
- Refine search criteria
- Search for similar parts
- Create classified parts
- Classify existing parts
- Describe the Windchill PartsLink architecture
- Identify Windchill PartsLink objects and their purpose



- Identify the relationships between different PartsLink objects
- Identify the tools used to manage the PartsLink classification structure
- Identify best practices for designing a classification structure
- Use the Windchill Manage Classifications page to create and update classification structures
- Import a parts catalog to Windchill using an Excel spreadsheet

## Prerequisites

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- Business Administration of PTC Windchill 11.0

## Audience

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- This course is intended for classification administrators, business administrators, system administrators, and project team leaders. Implementation team members, including user adoption team members, and those with general Windchill PartsLink administration responsibilities will also benefit from taking this course.
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## Agenda

### Day 1

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Module	1	Introduction to Windchill PartsLink Classification and Reuse
Module	2	Classifying Parts
Module	3	Introduction to PartsLink Administration
Module	4	Creating and Maintaining a Windchill PartsLink Classification Structure

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## Course Content

### Module 1. Introduction to Windchill PartsLink Classification and Reuse

- i. Introduction to Part Classification
- ii. Reasons for Part Classification
- iii. Barriers to a Classification Management System
- iv. Searching for Parts
- v. The Need for a Paradigm Shift
- vi. When to Implement Classification Search
- vii. Adoption of a Classification Search System
- viii. Classification With Attribute Search
- ix. Classification-based Search Goals
- x. Classification-based Search Benefits
- xi. Overview of Windchill PartsLink Classification and Reuse
- xii. Windchill PartsLink User Interface
- xiii. Classification Explorer
- xiv. Classification Field Set
- xv. Classification Attributes
- xvi. Refine Results Pane
- xvii. Part Information Page - Details Tab
- xviii. Part Information Page - Structure Tab
- xix. Viewing Parts with Multiple Classifications
- xx. Edit and New Part Wizards
- xxi. Classification Keyword Search
- xxii. Classification Advance Search
- xxiii. Search Results
- xxiv. Refine Search Results Using Facets
- xxv. Find Similar Parts
- xxvi. Setting Your Measurement System Preference
- xxvii. Export Classification Search

### Module 2. Classifying Parts

- i. Classifying Parts
- ii. Setting the Classification Node in HTML
- iii. Setting the Classification Attributes in HTML
- iv. Assigning Multiple Classifications
- v. Setting Class Attributes from Multiple Classifications

### Module 3. Introduction to PartsLink Administration

- i. Architectural Components of Windchill PartsLink
  - ii. Adding Windchill PartsLink to an Existing Windchill Installation
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- iii. Objects in a Classification System
- iv. Classification Nodes
  - v. Classification Attributes
  - vi. Classification Quantities of Measure
  - vii. Classification Constraints
  - viii. Classification Binding Attributes
- ix. The Manage Classifications Page
  - x. Working with the Classification Tree
  - xi. Working with the Class Panel
  - xii. Working with the Attribute Panel
- xiii. Setting Up a Classification for the Part Type
- xiv. Specifying a Classification Constraint
  - xv. Exposing a Nested Layout for Classification Attributes
- xvi. Managing the Classification Administrators Group
- xvii. Exporting the Classification Structure
- xviii. Importing the Classification Structure
- xix. Windchill PartsLink Preferences
- xx. Windchill PartsLink Properties

#### **Module 4. Creating and Maintaining a Windchill PartsLink Classification Structure**

- i. Planning a Classification Structure
  - ii. Restrictions on Editing Classification Structures
  - iii. Inserting a Classification Node
  - iv. Editing a Classification Node
    - v. The Implications of Setting Classification Node Properties
  - vi. Setting Classification Nodes to be Instantiable
  - vii. Sorting Classification Nodes
  - viii. Adding Images and Schematics to a Classification Node
    - ix. Selecting a Schematic
    - x. Localizing Classification Nodes
  - xi. Inheritance from Parent Classes
  - xii. Adding Classification Attributes to a Classification Node
  - xiii. Specifying Classification Attribute Properties
  - xiv. Specifying Classification Attribute Default Values
  - xv. Specifying Classification Attribute Constraints
  - xvi. Using Global Enumerations to Constrain a Classification Attribute
  - xvii. Managing Classification Attribute Groups and Layouts
  - xviii. Working with the Classification Attributes in the Attribute Grid
    - xix. How to Use Nested Layouts
    - xx. Defining Autonaming Rule to a Classification Node
    - xxi. Autonaming Rule Elements
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- xxii. Exporting an Importable Spreadsheet
- xxiii. Configuring an Importable Spreadsheet
- xxiv. Importing an Importable Spreadsheet



**Visible Edge**

1-888-VIS-EDGE (847-3343)  
sales@visible-edge.com  
www.visible-edge.com

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