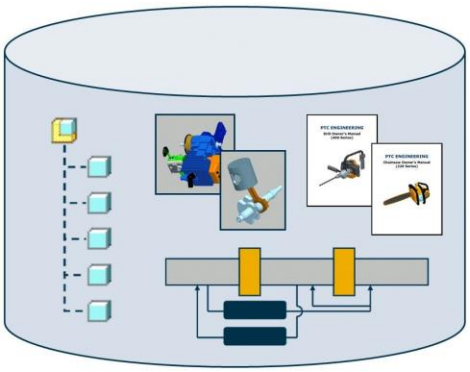
Introduction to PTC Windchill MPMLink 11.2

Overview

Course Code	TRN-4754-T
Course Length	16 Hours

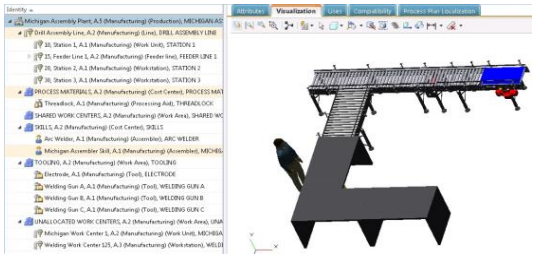


In this course, you will learn how to complete basic Windchill MPMLink functions. You will learn about MPMLink in the context of Manufacturing Process Management (MPM). You will also learn how to access and navigate the MPMLink environment, manage information, use MPMLink's visualization tools, and manage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

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 PTC University Proficiency intended to evaluate your understanding of the course as a whole.

This course has been developed using Windchill 11.2

Course Objectives



- Navigate the MPMLink environment
- Examine MPMLink utilities
- Transform an eBOM into an mBOM
- Create a process plan and associate it to the mBOM
- Create operations and allocate parts to them from the mBOM
- Allocate resources to the operations
- Use manufacturing standards in the operations
- Create illustrations and annotations for the operations
- View the production work instructions
- Create a time and cost roll-up
- Release process plans
- Change management overview

Prerequisites

- Introduction to Windchill PDMLink 11.2 for Heavy Users

Audience

- This course is intended for manufacturing engineers and manufacturing personnel that develop the mBOM or process plans including NC programmers, tooling designers, quality engineers, and production personnel. People in related roles will also benefit from taking this course.

Agenda

Day 1

Module	1	Introduction to MPM and Windchill MPMLink
Module	2	Introduction to the Windchill MPMLink Environment
Module	3	MPMLink BOM Translation Tools and Concepts
Module	4	Transforming eBOM to mBOM
Module	5	Introduction to Manufacturing Resources and Manufacturing Standards

Day 2

Module	6	Creating the Process Plan
Module	7	Allocating Objects to a Process Plan
Module	8	Refining the Process Plan
Module	9	Finalizing the Process Plan
Module	10	MPMLink Change Management

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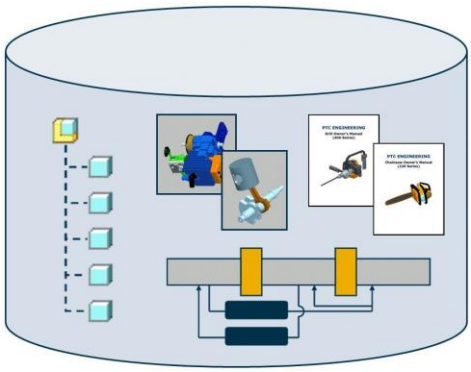
eBOM to mBOM Transformation with MPMLink 11.1

Overview

Course Code	WBT-5275-0
Course Length	8 Hours



(MPM).You will also learn how to access and Navigate the MPM Link environment,manage information,use MPMLink's visualization tools, and manage manufacturing changes attributed

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 to product development. Other topics include how to use MPMLink to transform eBOMs to one or more mBOMs using Manufacturing Associative Part Structure Browser (MAPSB). 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 PTC University Proficiency intended to evaluate your understanding of the course as a whole.

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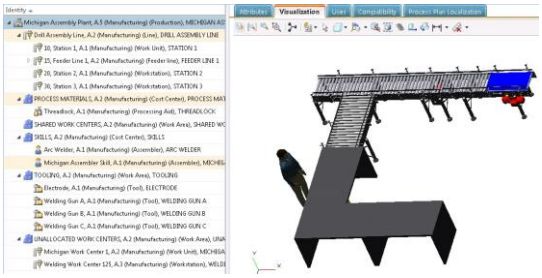
Course Objectives

- NavigatetheMPMLinkenvironment
- ExamineMPMLinkutilities
- TransformaneBOMintoanmBOM
- Usemanufacturingstandardsintheoperations



Prerequisites

- Introduction to Windchill PDMLink 11.2 for Heavy Users

Audience

- This course is intended for manufacturing engineers and manufacturing personnel that develop the mBOM or process plans including NC programmers, tooling designers, quality engineers, and production personnel. People in related roles will also benefit from taking this course.

Day 3

Module	1	Introduction to MPM and Windchill MPMLink
Module	2	Introduction to the Windchill MPMLink Environment
Module	3	MPMLink BOM Translation Tools and Concepts
Module	4	Transforming eBOM to mBOM
Module	5	Maintain and Conform mBOM