

Teamcenter Manufacturing
Teamcenter Manufacturing Part Process Planning

course code TR25640
user level Intermediate
duration 1 days

The **Teamcenter Manufacturing Part Process Planning** course is an introduction to the application used to create a manufacturing bill of process (MBOP) for parts. It is focused on the procedures associated with part planning and the tools used within Teamcenter to create and manage structures for product, plant, and process. Students will learn methods for creating process structures, selecting appropriate business object types for operations, sequencing process/operation/activities, managing and assigning resources (tools, fixtures, consumables), and creating associative relationships between physical and process structures. Teamcenter Part Planner is the primary application used in the course.

Students learn to define a process plan for part manufacturing operations. This includes the definition and management of product, process and plant structures and their relationships to each other, and to modify multiple manufacturing related structure data.

- Teamcenter Manufacturing Concepts
- Using the Part Planner Prospective
- Using the Dynamic Framework Views
- Creating manufacturing structures
- Using existing structures as templates
- Creating process structures, operations, and operation activities
- Sequencing process structures using Pert Diagrams
- Associating structures and associating resources to work areas, process, and operations
- Load and modify multiple structures

WHO SHOULD ATTEND	PRIMARY COURSE TOPICS
Manufacturing part planners and process planners.	Authoring Manufacturing Structures <ul style="list-style-type: none"> • Understanding process structures • Create operations • Create operation-activities • Create work areas Working with physical structures <ul style="list-style-type: none"> • Creating product structures • Creating plant structures • Creating Associations Managing resources <ul style="list-style-type: none"> • Associating structures
PREREQUISITES	
Other recommended courses: <ul style="list-style-type: none"> • Introduction to Teamcenter (TR25100) 	
PROVIDED COURSE MATERIALS	
<ul style="list-style-type: none"> • Student Guide • Activity Material 	