

Designing Parts in Designcenter

OEM: Siemens • Code: ILT001002

COURSE DESCRIPTION

This course is designed to give new users experience creating and editing parametric models using the essential Designcenter processes. Users will learn how to create sketches to capture design intent, how to model a part efficiently, as well as how to assemble parts into product assemblies, and produce basic part drawings.

AUDIENCE PROFILE

- Engineers, designers, detailers, checkers, and managers who need to manage and use Designcenter.

PREREQUISITES

- This section doesn't contain any content.

COURSE OBJECTIVES

By the end of this course, participants will be able to:

- This section doesn't contain any content.

COURSE OUTLINE

Module 1: Day 1:

- Designcenter User Interface
- Create a basic part
- Organize and display part models
- Create cylindrical parts using sketches

Module 2: Day 2:

- Create cylindrical parts using sketches (continued)
- Add Finishing Details
- Simple changes and part interrogation
- Analyze existing assemblies

Module 3: Day 3:

- Analyze existing assemblies (continued)
- Establish design intent
- Analyze the design and make changes
- Create parts with constant wall thickness

Module 4: Day 4:

- Create parts with constant wall thickness (continued)
- Sweep geometry
- Build parts with duplicated geometry
- Create symmetric models
- Basic part edits using synchronous

Module 5: Day 5:

- Bottom-up assembly building
- Create a basic part drawing