



## Prerequisites

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- Introduction to Creo Parametric 4.0

## Audience

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- This course is intended for mechanical designers and design engineers. People in related roles will also benefit from taking this course.
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## Agenda

### Day 1

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Module	1	Introduction to Drawings
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Module	2	Creating New Drawings
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Module	3	Creating Drawing Views
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### Day 2

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Module	4	Adding Model Details to Drawings
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Module	5	Adding Notes to Drawings
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Module	6	Adding Tolerance Information
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Module	7	Adding Draft Geometry and Symbols
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### Day 3

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Module	8	Using Layers in Drawings
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Module	9	Creating and Using Tables in Drawings
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Module	10	Using Report Information in Drawings
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Module	11	Creating Drawing Formats
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Module	12	Configuring the Drawing Environment
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Module	13	Managing Large Drawings
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## Course Content

### Module 1. Introduction to Drawings

- i. Understanding Drawing Concepts
- ii. Drawing Development Process
- iii. Understanding the Drawing Ribbon User Interface
- iv. Exploring Drawing Ribbon Commands

### Module 2. Creating New Drawings

- i. Creating Drawings Using Formats and Sheets
- ii. Creating Drawing Templates
- iii. Creating Drawings Using Drawing Templates

### Module 3. Creating Drawing Views

- i. Configuring Drawing Models
- ii. Configuring Drawing Sheets
- iii. Adding General Views
- iv. Adding Projection Views
- v. Editing Drawing Views
- vi. Editing Visible View Area
- vii. Adding Detailed Views
- viii. Adding Auxiliary Views
- ix. Understanding Cross-Section Concepts and View Types
- x. Adding 2-D Cross-Section Views
- xi. Modifying Cross Hatching Display
- xii. Adding Assembly Exploded Views
- xiii. Replacing View Models

### Module 4. Adding Model Details to Drawings

- i. Understanding Annotations in Drawings
- ii. Showing, Erasing, and Deleting Annotations
- iii. Inserting Driven Dimensions
- iv. Inserting Ordinate Dimensions
- v. Adjusting Dimensions and Detail Items
- vi. Changing Dimension Display

### Module 5. Adding Notes to Drawings

- i. Adding and Editing Notes
  - ii. Using Parametric Information and Special Characters in Notes
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**Module 6. Adding Tolerance Information**

- i. Understanding Dimensional Tolerances
- ii. Configuring Dimensional Tolerances
- iii. Understanding Geometric Tolerances
- iv. Setting Up Geometric Tolerance References
- v. Applying Geometric Tolerances

**Module 7. Adding Draft Geometry and Symbols**

- i. Creating and Editing Draft Geometry
- ii. Understanding Drawing Symbols
- iii. Using Surface Finish Symbols
- iv. Using the Symbol Palette and Custom Symbols
- v. Creating Symbols

**Module 8. Using Layers in Drawings**

- i. Understanding Layers in Drawings
- ii. Using Layers in Drawings

**Module 9. Creating and Using Tables in Drawings**

- i. Inserting Tables
- ii. Editing Table Properties
- iii. Creating Tables from File
- iv. Creating Hole Tables

**Module 10. Using Report Information in Drawings**

- i. Creating Report Tables
- ii. Editing Report Tables
- iii. Creating BOM Balloons
- iv. Creating Part Catalog Drawings

**Module 11. Creating Drawing Formats**

- i. Creating Drawing Formats

**Module 12. Configuring the Drawing Environment**

- i. Configuring the Drawing Environment

**Module 13. Managing Large Drawings**

- i. Understanding Drawing Regeneration
  - ii. Managing Large Drawings
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