

## 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

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### Module 2. Creating New Drawings

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

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### 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

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### 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

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### 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. Creating Datum Feature Symbols
- vi. Creating Datum Targets
- vii. Applying Geometric Tolerances

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**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
- vi. Embedding Images in Drawings

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**Module 8. Using Layers in Drawings**

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

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

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

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

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

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**Module 11. Creating Drawing Formats**

- i. Creating Drawing Formats

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**Module 12. Configuring the Drawing Environment**

- i. Configuring the Drawing Environment

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**Module 13. Managing Large Drawings**

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

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