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- Course Objectives
- Prerequisites
- How to Use This Course
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2. Getting Started

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- Windows File Dialogs
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3. The NX User Interface

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4. Coordinate Systems

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- Origin Handle
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5. Introduction to Solid Modeling

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6. Positional Form Features

- Creating Form Features
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- Editing the Size and Location of Form Features
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7. Expressions

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8. Shell

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9. Edge Operations

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- Edge Blend
- Activity—Creating Edge Blends
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10. Model Construction Query

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- Part Navigator
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11. Introduction to Assemblies

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- Introduction to Load Options
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- Activity—Working with the Assembly Navigator
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12. Adding Components & Mating Conditions

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- Assemblies Application
- Assemblies Pull-down Menu
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- Perpendicular Constraint
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13. Datum Features

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- Selecting and Using Datum Planes
- Activity—Cylindrical Faces and Datum Planes
- Activity—Creating a Feature on a Relative Datum Plane
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- Datum Axis
- Datum Axis Types
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14. Sketching

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- The Active Sketch
- Sketch Creation Steps
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- Creating Fillets
- Trimming and Extending Curves
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- Activity—Adding Dimensional Constraints
- Editing Dimensions
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15. Swept Features and Boolean Operations

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- Activity—Starting the Draglink
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- Sweep Along Guide
- Activity—Sweeping Along an Open Guide String
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16. Editing the Model

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- Accessing the Options to Edit Features
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- Activity—Using the Update Tool
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- Delaying Model Updates
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17. Instance Arrays

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- Rectangular Instance Array
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18. The Master Model

- The Assembly Modeler
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19. Introduction to Drafting

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- Activity—Opening and Editing Drawing Sheets
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- Dimension Preferences and Placement
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- Activity—Creating Notes and Labels
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20. Expression Operators

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21. Point Constructor Options

- Overview
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- WCS and Absolute Coordinates
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22. Customer Defaults

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- Customer Defaults Levels
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