

Autodesk Inventor Template Setup Training Course

Course Length: 16-Hours*

- 16-Hours (8 x 2-Hour Sessions) Training*
- Delivered remotely over MS Teams
- Sessions are recorded and download links are provided after each session for your future use and reference.
- Pricing is based on 1-3 people.
- Volume Discounts apply for 5+ people.
- Training is usually broken up into 2 or 4-hour sessions in the morning and flexible (i.e. consecutive or Monday, Wednesday, Friday, etc.)
- Training sessions can start within 14 days of booking
- Courses are private and topics can be customised to suit

*Training may go over 16-hours depending on requirements and can be determined prior to commencement

The Autodesk Inventor Template Setup Training Course is designed for organisations looking to standardise their Autodesk Inventor environment, improve design consistency, and implement company engineering standards across teams and projects.

Unlike traditional Inventor training courses, this workshop combines template management training with practical standards development. Participants are provided with a professionally developed Inventor base environment which is then customised during the training to suit your company's engineering standards, drawing requirements, title blocks, BOM structures, file properties, libraries, and workflows.

Topics Covered

- Inventor template management
- Part templates
- Assembly templates
- Drawing templates
- Design Data management
- Styles and standards
- Title blocks and borders
- Content Center management
- Material libraries
- Appearance libraries
- BOM configuration
- Parts lists
- iProperties
- Company standards
- File management standards
- Documentation standards

- Template deployment
- Standards governance

Prerequisites

Participants should have a working knowledge of Autodesk Inventor and general product design or manufacturing workflows.

Previous experience with modelling, drawings, CAM operations, or sheet metal design is recommended. No prior template administration experience is required.

Training Course Contents*

Chapter 1: Inventor Standards and Template Fundamentals

- Understanding Inventor Templates
- Company Standards Planning
- Template Architecture
- Standards Governance

Chapter 2: Project File Setup and IPJ Configuration

- Understanding Inventor Project Files
- Creating and Configuring IPJ Files
- Workspace and Library Paths
- Design Data, Templates and Content Center Paths
- Multi-User and Shared Environment Considerations

Chapter 3: Part and Assembly Templates

- Part Template Configuration
- Assembly Template Configuration
- Default Settings
- Model Standards
- Property Setup

Chapter 4: Drawing Templates and Documentation Standards

- Drawing Templates
- Sheet Formats
- Borders and Title Blocks
- Documentation Standards
- Revision Tables

Chapter 5: Styles, Standards and Design Data

- Object Styles
- Dimension Styles
- Text Styles
- Standards Management
- Shared Design Data Configuration

Chapter 6: Materials, Appearances and Property Standards

- Material Libraries

- Appearance Libraries
- Company Materials
- iProperties
- Data Consistency

Chapter 7: BOM and Parts List Standards

- BOM Configuration
- Parts List Styles
- Balloon Standards
- Item Numbering
- Manufacturing Documentation

Chapter 8: Customising Your Company Environment

- Applying Company Standards
- Template Refinement
- Workflow Optimisation
- Template Testing
- User Adoption

Chapter 9: Deployment and Maintenance

- Standards Rollout
- Network Deployment
- User Access
- Ongoing Governance
- Future Updates

Chapter 10: Custom Inventor Template Development Workshop

- Reviewing Company Requirements
- Developing Company Templates
- Testing Standards
- Deployment Planning
- Final Template Review

Optional Chapter: Sheet Metal Template Setup

- Sheet Metal Rule Configuration
- Sheet Metal Styles
- Flat Pattern Documentation
- Bend Tables and Bend Notes
- DXF Export Standards
- Manufacturing Output Requirements

Optional Chapter: Frame Generator Template Setup

- Frame Generator Standards
- Structural Member Libraries
- Frame Member Naming
- Cut Lists and BOM Setup
- Drawing Documentation Standards
- Fabrication Workflow Configuration

Optional Chapter: Content Center Library Setup

- Content Center Library Structure
- Read/Write Library Configuration
- Copying and Customising Families
- Family Table Management
- Material and Property Mapping
- Publishing Custom Components

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