

## Autodesk inventor Level 2

**Course duration:** 30 Hours

### Course Content:

- Documentation
- Using the Drawing Manager
- Create Documentation
- Modify
- SKetch Edit
- Create sheets
- Dimension
- Feature Notes
- Text
- symbols
- Create table
- section Parts and Assembly design
- Inventor studio
- Exploring the Inventor Studio Environment
- Creating and Managing Styles
- Animating with Inventor Studio
- Welding design
- Exploring Weldment Design Methodologies
- Modeling Preparations
- Exploring Cosmetic Welds
- Creating Weld Beads
- Creating Fillet Welds
- Creating Groove Welds
- Performing Machining Operations
- Exploring Weld Properties and Combinations

- Using the Weld Symbol
- Understanding Bead Property Report and Mass Properties
- Creating Drawing Documentation
- Generating a Bill of Materials and Parts List
- Sheet Metal
- Understanding Sheet-Metal Parts
- Getting to Know the Features
- Using Sheet-Metal Templates and Rules
- Working with the Flat Pattern
- Using Sheet-Metal iPart Factories
- Modeling with Non-Sheet-Metal Features
- Working with Imported Parts
- Annotating Your Sheet-Metal Design
- Plastic Design
- Creating Thicken/Offset Features
- Creating Shell Features
- Creating Split Features
- Creating Grill Features
- Creating Rule Fillet Features
- Creating Rest Features
- Creating Boss Features
- Creating Lip and Groove Features
- Creating Snap Fit Features
- Creating Rib and Web Features
- Creating Draft Features
- Mold Design Overview