

## Autodesk inventor Level 3

**Course duration:** 30 Hours

### Course Content:

- Frame Generator
- Accessing Frame Generator Tools
- Exploring the Frame Generator File Structure
- Exploring the Anatomy of a Frame Member
- Inserting Frame Members
- Adding End Treatments
- Maintaining Frames
- Performing Calculations and Analysis
- Publishing Frame Members
- Frame Assemblies and BOMs
- Stress Analysis and Dynamic Simulation
- Introduction to Analysis
- Conducting Stress Analysis Simulations
- Conducting Dynamic Simulations
- Exporting to FEA
- Using the Dynamic Simulation Information in Stress Analysis
- Cable and Harness Design
- Tube and Pipe
- Cable and Harness
- Placing Wires
- Using the Cable & Harness Library
- Placing Cables
- Placing and Editing Segments
- Creating a Harness

- Project Falcon
- Transient, Incompressible fluid flow solver
- Finite Volume Method
- - Full 2D and 3D fluid solution
- LES turbulence model
- iLogic
- What Is iLogic
- Understanding the iLogic Elements and Interface
- Creating iLogic parameters, Rules, and Forms