



INDUSTRIAL ENGINEERING

Invantor

Engosoft provides training for Autodesk® Inventor® for beginner and advanced users that want to gain a better understanding of the functionalities of Autodesk Inventor software. Lessons cover getting started in the application, creating 3D mechanical designs, working with assemblies, simulating products, and more.

Course	Duration
Inventor basic Level	24 hrs
Inventor advanced Level	24 hrs

Outlines:

Inventor advanced Level :

- Inventor interface
- Creating 2D sketches
- Constraining and dimensioning sketches
- Generating 3D parts from sketches
- Part modeling, adding and editing 3D features
- Work Features
- Model geometry and model display manipulation
- Resolving feature failures
- Feature duplication techniques
- Establishing and working with model relationships
- Placing and constraining parts in assemblies
- Creating parts and features in assemblies
- Creating and annotating drawings and views



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Inventor advanced Level:

- Advanced Modeling.
- Advanced Assembly.
- Applying motion to existing assembly constraints using Drive Constraints.
- Introduction of the Top-Down Design technique.
- Creating Positional Representations of an assembly.
- Using the Design Accelerator.
- Using pattern, mirror, and copy techniques.
- Link system parameters and custom parameters to an external spreadsheet le.
- Stress analysis



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