



WORK SMARTER

INVENTOR ADVANCED

Who should attend? Current users of Inventor, who have already previously completed Inventor Essentials or have sufficient experience with this software.

Course Objectives

- In this course, candidates learn the recommended workflows and advanced functionalities for creating 3D assemblies using Autodesk Inventor. Candidates explore the proper techniques and recommended workflows for skeletal modelling, adaptive design, derived design, and functional design. They also learn how to quickly create frame designs, create and document welded designs, and publish iparts as we explore the additional intelligent features available in Inventor.

COURSE OUTLINE

6 HOURS (3 DAYS, 2 HOUR SESSIONS)

Inventor Application

- Configuration
- Application Options
- Ribbon & Panel Set-up
- Short-cut Keys
- Heads-up Display
- Right Click Menus
- Introduction to Top-Down Design
- Skeleton Modelling
- Adaptive Parts
- Top-Down Design Process

Multi-Body Part Modelling

- Layout Design
- Make Components
- Make Parts Utility
- Direct Edit

Intelligent Features

- I-Features
- I-Parts
- I-Assemblies
- I-Mates

Design Accelerator

- Shaft Generator
- Frame Generator
- Bolt Connections
- Calculators
- Engineer's Handbook

Constraints

- Motion Constraints
- Transition Constraints
- Joint Creation
- Degree of Freedom Motion

Positional Representatives

- Introduction to Positional Representations
- Create and Edit Positional Representations
- Using a Positional Representation

Assembly Management Tools

- Level of Detail Representation
- Shrinkwrap Derivatives
- Creating Shrinkwrap Assemblies
- Linking levels to detail
- Adding/Updating levels of detail
- Using Inspection Tools/ Selection Filters

To enrol call **061919009** or book [online](#)

COURSE INFORMATION

- The course is broken down into 3 sessions, each session is two hours long
- To complete this course, you will need to attend all sessions. **Training sessions will not be recorded.**
- Participants must have the Inventor software installed on their laptop
- Candidates are required to have the European version of Autodesk software with the metric system installed
- Pre-payment is required
- Morning class will run from 10am – 12.00pm and the afternoon class will run from 2:00pm – 4.00pm
- Candidates will receive a Certificate of Completion from Autodesk
- Candidates need two connected screens, one to view the instructor's screen and one to complete the CAD drawings alongside the instructor

€300 per candidate for the public online training course

To enrol call **061919009** or book [online](#)