



**WORK
SMARTER**

INVENTOR ESSENTIALS

Who should attend? Individuals seeking to enhance their skills in 3D mechanical design and simulation

Course Objectives

- This Inventor Essentials course has been designed to introduce candidates to Autodesk Inventor, taking them through the basics of sketching, modelling, assembly creation and production-ready drawings. Our approach on this training course, focuses on the basic functionalities of Inventor, enabling anyone to confidently start using Inventor from the get-go.

COURSE OUTLINE

12 HOURS (6 DAYS, 2 HOUR SESSIONS)

Getting Started

- Autodesk UI
- Setting up a project
- Create a parametric part

Basic Sketching

- Create 2D Sketches
- Constrain Sketches & Dimensions Sketches

Basic Shape Design

- Extruded Features
- Revolved Features
- Parametric Parts, Works Features

Detailed Shape Design

- Create Features (Holes, Chamfers, Patterns)
- Create Features

Assembly Design Overview

- Use assembly environment

Assembly Design

- Use Assembly Environment
- Placing Components
- Constrain components

Interacting with an assembly

- Interference check and drive
- Constraints
- Exploded Views

Basic View Creation

- Shaft Generator
- Base Views
- Projected views, section views, detail views

Dimensioning & Annotations

- General Dimensions
- Baseline Dimensions
- Centrelines, Centre Marks, Symbols

Annotating Assembly Drawings

- Bill of materials
- Parts List
- Balloons

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

COURSE INFORMATION

- The course is broken down into 6 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

You can now claim CPD points on Inventor Essentials training with us.

€600 per candidate for the public online training course

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