

# Autodesk Inventor – One-on-One Online Training

**Training Provider:** The School of IT International Pty Ltd

**Enterprise Number:** 2019/278233/07

**Tax Number:** 9227879237

**Delivery Mode:** One-on-One Online | Live Lecturer | Flexible Scheduling

## Course 1: Autodesk Inventor – Introduction (Fundamentals)

**Duration:** 10 Hours

**Price:** R10,900 per person

**Prerequisites:** Basic computer literacy. No prior CAD experience required.

### Core Topics:

- Inventor interface and navigation
- Sketch creation, constraints, and dimensions
- Parametric part modelling
- Work features (planes, axes, points)
- Basic assembly creation and constraints
- Materials, appearance, and properties
- 2D drawing creation and annotation
- Printing and exporting drawings

## **Course 2: Autodesk Inventor – Advanced**

**Duration:** 20 Hours

**Price:** R14,900 per person

**Prerequisites:** Inventor Introduction course or equivalent experience.

### **Core Topics:**

- Advanced sketching and modelling strategies
- Multi-body part modelling
- Advanced assemblies and motion constraints
- Top-down and adaptive design
- Sheet metal design workflows
- Frame Generator and structural design
- Weldments and presentation files
- Stress analysis and simulation basics
- iLogic fundamentals and automation concepts
- Bills of Materials (BOMs) and advanced drawings

## **Course 3: Autodesk Inventor – Complete (Introduction to Advanced)**

**Duration:** 40 Hours

**Price:** R28,800 per person

**Prerequisites:** Basic computer literacy. Suitable for beginners.

### **Core Topics:**

- Full Inventor fundamentals and workflows
- Intermediate and advanced assembly management
- Design intent and parametric control
- Sheet metal, frames, and weldments
- Simulation and optimisation techniques
- Design automation using iLogic
- Professional manufacturing documentation
- Capstone project: concept to final drawings

**Certification:** Certificate of Completion issued by The School of IT International Pty Ltd

**Note:** International Autodesk certification exams are optional and not included in the course price.