

# Inventor User Course

## INTRODUCTION

The Autodesk Inventor course is perfectly suited to those students and professionals seeking to further their product and machine development skills.

Inventor is a parametric modelling software package that goes beyond the techniques implemented in more traditional CAD packages and is focused on capturing the design intent whilst rendering product development flexible and dynamic in nature. The course will follow standard Autodesk syllabus whilst at the same time convey real life design methods that shall allow the students to maximise each of Inventor's functions to their specific requirement, be it jig or tooling design, product development or simple part design.

## COURSE CONTENT

### UI & Navigation

- ViewCube
- Environment
- Manage Views

### Advanced Modeling

- Sweep Feature

### Assembly Modeling

- Assembly Constraints
- Creating Parts in Assemblies

### Drawing

- Centerlines
- Identify Views

### Part Modeling

- Fillets and Chamfers
- Feature Patterns
- Rib, Shell, Extrude & Hole Features
- View Parts

### Sketching

- Assign Parameters
- Identify Dimension Types
- Sketch Constraints

### Control a Project File

## COURSE DETAILS

### Mode of Study

**PARTTIME**

Frequency: Once Weekly

### Duration

24 Hours

(12 Lessons of 2 Hours)

### Delivery Method

Lectures & Hands-On Practice

### Entry Requirements

Good Knowledge of English

### Award (Optional)

Autodesk Inventor Certified User 2016

Price: € 300

**Study Experience includes:** Training by an Autodesk Certified Educator, Autodesk Inventor 2016 Software, Official Autodesk Courseware (Format: Softcopy).