Macrosoft

Vzdelávanie s trvalým efektom

DOCUMENT

Course syllabus

CATEGORY

3D graphics, CAD courses

TRAINING FORMAT

In Bratislava or online with a lecturer

PRICE EXCL. VAT

390,00 €

PRICE INCL. VAT

479,70 €

including 23 % VAT

PDF SYLLABUS

Autodesk Inventor 3 - Methods for Creating Complex Models

Clear overview of course topics, training scope and key information.

In this course, we will explain more complex models and procedures for working with them in broader context. Emphasis is placed on working with references and standardizing procedures. The course itself can be adapted to a certain extent according to the specific requirements of participants.

COURSE CONTENT

01

Introduction

Benefits of standardizing model structure and different approaches to standardization Explanation of the essence of chain references (elements are in sequence one after another and editing options are thereby limited). Benefit of creating elements using parallel structures. Use of auxiliary planes, auxiliary axes, other coordinate systems Shared sketches in parts and assemblies Creating 3D sketches iFeatures - libraries of frequently used model parts Introduction to models and assemblies with a "skeleton" - model skeleton Example no. 1. - creating an assembly using user parameters and forms Example no. 2 - creating a simple assembly with a model skeleton Example no. 3. - creating a more complex assembly with a model skeleton Direct edit function for models imported from a STEP file Advantages of the "combine" function in the tree structure of the model Introduction to table-driven models - configured parts and assemblies iPart and iAssembly Use of configured parts in an assembly

02

Conclusion

Minor edits of the content center

This document serves as an informational overview of the course syllabus. Current dates, venue and availability are listed at Macrosoft.sk.

https://www.macrosoft.sk/en/courses/autodesk-inventor-3