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

330,00 €

PRICE INCL. VAT

405,90 €

including 23 % VAT

PDF SYLLABUS

Autodesk Fusion - CAD/CAM - Milling

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

This practically focused course will provide you with a complete introduction to the world of CAM (Computer-Aided Manufacturing) programming using Autodesk Fusion software. The course is intended for beginners who want to learn to create CNC programs for milling and effectively use tools for computer-aided manufacturing.

COURSE CONTENT

01 **Orientation in the Environment**

Explanation of basic parts or modules of Autodesk Fusion Introduction to basic tools in the CAM environment

02 **Practical Modeling**

Modeling a simple part

03 **CAM Environment Setup**

Selection of tools from the library and possible creation of new ones Coordinate system, basic planes in the CAM environment

04 **Preparation for Machining**

Setting the stock and first steps in preparation for roughing a part Different functions and available strategies for roughing a part

05 **Specialized Operations**

Drilling holes and thread production Functions for finishing parts, entering finishing allowances during roughing Edge editing

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06 CNC Programming

CNC program structure, commands and functions specific to milling

07 Advanced Topics and Discussion

Discussion about tolerances in production documentation, fixtures, production based on 3D models, 3D drawings and 3D PDF formats that you may encounter in practice

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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-fusion-milling