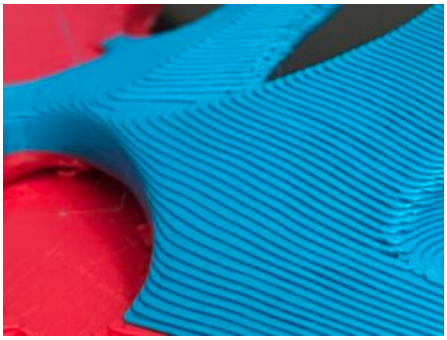
COURSES



TRAINING COURSE " MOLDS WITH FDM/FFF "

Course description
" Molds with FDM/FFF "

Preliminary preparation:
Registered Autodesk Fusion 360 account

Notebook with pre installed Fusion 360 and Cura Slicer

Course duration : 6 hours/09.15-16.15
Training group : max. 2 participants
Course instructors : Mark Jakobson

No prior experience is required to complete this course. Therefore, everyone will get basic knowledge and skills for self-production of household items. The course is based on the example of the forms used in the confectionery business.

Before training and payment :

1. take contact with us to arrange training dates and place!

2. strongly recommended to pass self-placed learning Fusion 360 course for beginners!

3. Take a look for materials here

COURSE DESCRIPTION

Everyone will get basic knowledge and skills for self-production of household items. The course is based on the example of the forms used in the confectionery business.

Training Day Outline:

9:15 -11:00 *Room 509*

Introduction

Safety precautions

FDM/FFF printer design

Tools, Accessories,Materials

Drawings, measurements, details

Setting up a FDM printer

11:00-12:25 *Room 509*

Manufacturing Workspaces

-Autodesk Fusion 360

-Cura 8.0

-ArtCam

12:25-13:00

Lunch

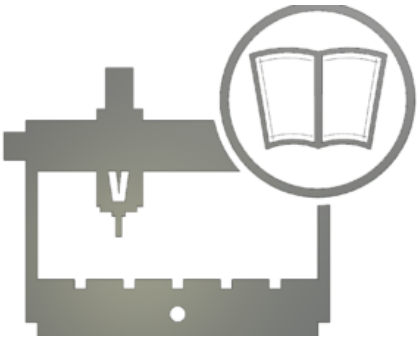
13:10-16:15* *Room 509*

Manufacturing Workspace and FDM printer practice

*14:15 Coffee Break

Read More
SKU: 0369918465055TRAINING
Price: €360,00
Stock: N/A
Category: Courses

Tags: cnc, fdm, training



TRAINING COURSE “BASIS OF 2D MODELING FOR PRODUCTION” ON #VECTRIC #MACH3 #CNC

The target audience:
The course on the basis of Vectric / Mach3 is intended for companies and workers who wish to increase the efficiency of their work using the latest technologies for work in the field of advertising, furniture, souvenir, jewelry production, machining of light metals, plastics, stone and other milling, engraving and laser cutting of materials.

Course Objective:
The purpose of the course is to introduce the possibilities and learn the basics of modeling for the production and practical use of a CNC milling router in the manufacture of products and parts from sheet materials, precision mechanics, cliches, dies, molds, rolls or master models.

Preliminary preparation:
Basic knowledge of Windows. Practical computer experience.

Price: 540 € (* Price for each participant, maximum group - 2 participants)

Duration: 3 days / 9 ak / h / 18:15 – 21:15

Course cycle: each month on first and third week, *Tue, Wed, Thu from Sep 2020*

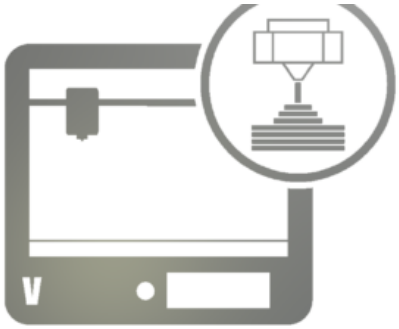
**Before payment , take contact with us to arrange training dates and place availability*

Course Outline:
Day 1:
Safety precautions
CNC router design
Tool
Controller using Mach3 as an example
Day 2:
2D modeling
Setting up a CNC router / controller using Mach3 as an example
Practice
Day 3:
2D modeling
Practice

After training:
You will be able to produce goods using a CNC router based on a drawing, photo, drawing or an existing 2D / 3D model and apply the acquired universal knowledge in the field of advertising, furniture, souvenir, jewelry production, machining of light metals, plastics, stone and other milling, engraving and laser cutting of sheet materials.

Read More
SKU: 0369918465022-3
Price: €540,00
Stock: N/A
Category: Courses

Tags: cnc, evening, Mach3, training, Vectric



FDM PRACTICE "CAM FOR FUSION 360"

You will be able to produce goods using Autodesk Fusion 360 Manufacturing Workspace and FDM printer.

With your parts designed and optimized for FDM printer, it is time to start thinking about manufacturing. In this section, we walk you through the 3 simple steps needed to manufacture custom parts with FDM printing.

Preliminary preparation:
Registered Autodesk Fusion 360 account

Basic knowledge of Autodesk Fusion 360

Price:
560 € (* Price for each participant, maximum group - 2 participants)

Address:

Vobalab office , Punane 16/509

Duration:

7 ak / h, 09:15 – 16:15

Before payment , take contact with us to arrange training dates!

COURSE DESCRIPTION

The target audience:
The course on the basis of manufacturing in Autodesk Fusion 360 is intended for company and workers who wish to increase the efficiency of their work using the latest technologies for work in the field of advertising, furniture, souvenir, jewelry production, machining of light metals, plastics, stone and other milling, engraving and laser cutting of materials.

Course Objective:
The purpose of the course is to introduce the possibilities and learn the basics for the materials, production and practical use of a FDM technology in the manufacture of products and parts .

Course Outline:

9:15 -11:00 *Room 509*

Introduction

Safety precautions

FDM printer design

Tools, Accesories

Slicer

Drawings, measurements, details

Setting up a FDM printer

11:00-12:25 *Room 509*

Autodesk Fusion 360 Manufacturing Workspace

12:25-13:00

Lunch

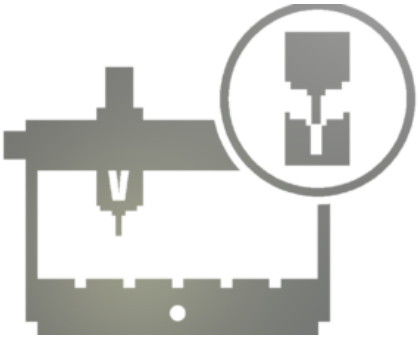
13:10-16:15* *Room 509*

Autodesk Fusion 360 Manufacturing Workspace and FDM Printing Practice

*14:15 Coffee Break

Read More
SKU: 0369918465022-1
Price: €560,00
Stock: N/A
Category: Courses

Tags: fdm, training



CNC PRACTICE "CAM FOR FUSION 360"

You will be able to produce goods using Autodesk Fusion 360 Manufacturing Workspace and CNC router.

With your parts designed and optimized for CNC machining, it is time to start thinking about manufacturing. In this section, we walk you through the 3 simple steps needed to manufacture custom parts with CNC machining.

Preliminary preparation:
Registered Autodesk Fusion 360 account

Basic knowledge of Autodesk Fusion 360

Price:
560 € (* Price for each participant, maximum group - 2 participants)

Address:

Vobalab office , Punane 16/112

Duration:

7 ak / h, 09:15 – 16:15

Before payment , take contact with us to arrange training dates!

COURSE DESCRIPTION

The target audience:
The course on the basis of manufacturing in Autodesk Fusion 360 is intended for company and workers who wish to increase the efficiency of their work using the latest technologies for work in the field of advertising, furniture, souvenir, jewelry production, machining of light metals, plastics, stone and other milling, engraving and laser cutting of materials.

Course Objective:
The purpose of the course is to introduce the possibilities and learn the basics for the production and practical use of a CNC milling router in the manufacture of products and parts from sheet materials, complex-shaped surfaces of dies, punches, precision mechanics, clichés, dies, molds, profiling rollers or master models.

Course Outline:

9:15 -11:00 *Room 509/112*

Introduction

Safety precautions

CNC router design

Tools, Fixtures

Controller

Drawings, measurements, details

Setting up a CNC router

11:00-12:25 *Room 509*

Autodesk Fusion 360 Manufacturing Workspace

12:25-13:00

Lunch

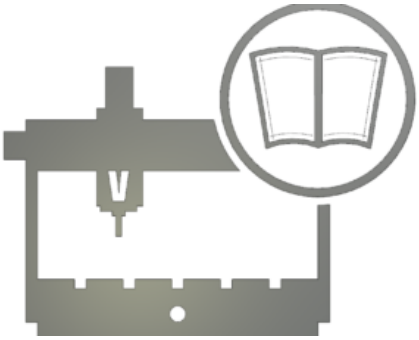
13:10-16:15* *Room 112*

Autodesk Fusion 360 Manufacturing Workspace and CNC Milling Practice

*14:15 Coffee Break

Read More
SKU: 0369918465022
Price: €560,00
Stock: N/A
Category: Courses

Tags: cnc, training



TRAINING COURSE “BASIS OF 2D / 3D MODELING FOR PRODUCTION AND PRACTICAL USE OF CNC MILLING MACHINE” ON VECTRIC / MACH3

The target audience:
The course on the basis of Vectric / Mach3 is intended for companies and workers who wish to increase the efficiency of their work using the latest technologies for work in the field of advertising, furniture, souvenir, jewelry production, machining of light metals, plastics, stone and other milling, engraving and laser cutting of materials.

Course Objective:
The purpose of the course is to introduce the possibilities and learn the basics of modeling for the production and practical use of a CNC milling router in the manufacture of products and parts from sheet materials, complex-shaped surfaces of dies, punches, precision mechanics, clichés, dies, molds, profiling rollers or master models.
Preliminary preparation:
Basic knowledge of Windows. Practical computer experience.

Price:
1250 € (* Price for each participant, maximum group - 5 participants)

Address: In Vobalab classroom

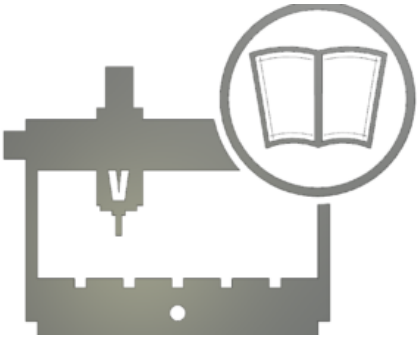
Duration: 40 ak / h, 09:15 – 16:15

Before payment , take contact with us to arrange training dates and place!

Course Outline:
Day 1:
Safety precautions
CNC router design
Tool
Controller using Mach3 as an example
Drawings, measurements, details
Day 2:
2D modeling
Setting up a CNC router / controller using Mach3 as an example
Practice
Day 3:
2D modeling
Practice
Day 4:
2D / 3D modeling
Practice
Day 5:
2D / 3D modeling
Practice

RESULT:
After training:
You will be able to produce goods using a CNC router based on a drawing, photo, drawing or an existing 2D / 3D model and apply the acquired universal knowledge in the field of advertising, furniture, souvenir, jewelry production, machining of light metals, plastics, stone and other milling, engraving and laser cutting of materials.

Read More
SKU: N/A
Price: €1.250,00
Stock: N/A
Category: Courses
Tags: cnc, training



TRAINING COURSE “BASIS OF 2D MODELING FOR PRODUCTION AND PRACTICAL USE OF CNC MILLING MACHINE” ON VECTRIC / MACH3

The target audience:
The course on the basis of Vectric / Mach3 is intended for companies and workers who wish to increase the efficiency of their work using the latest technologies for work in the field of advertising, furniture, souvenir, jewelry production, machining of light metals, plastics, stone and other milling, engraving and laser cutting of materials.

Course Objective:
The purpose of the course is to introduce the possibilities and learn the basics of modeling for the production and practical use of a CNC milling router in the manufacture of products and parts from sheet materials, precision mechanics, cliches, dies, molds, rolls or master models.

Preliminary preparation:
Basic knowledge of Windows. Practical computer experience.

Price: 750 € (* Price for each participant, maximum group - 5 participants)
Duration: 24 ak / h, 09:15 – 16:15

Before payment , take contact with us to arrange training dates and place

Course Outline:
Day 1:
Safety precautions
CNC router design
Tool
Controller using Mach3 as an example
Drawings, measurements, details
Day 2:
2D modeling

Setting up a CNC router / controller using Mach3 as an example
Practice
Day 3:
2D modeling
Practice

After training:
You will be able to produce goods using a CNC router based on a drawing, photo, drawing or an existing 2D / 3D model and apply the acquired universal knowledge in the field of advertising, furniture, souvenir, jewelry production, machining of light metals, plastics, stone and other milling, engraving and laser cutting of sheet materials.

Read More
SKU: N/A
Price: €750,00
Stock: N/A
Category: Courses
Tags: cnc, training

ADVANCE TRAINING COURSE "THE AUTODESK® FUSION 360®: INTRODUCTION TO PARAMETRIC MODELING " *4 DAYS /6 HOURS PER DAY/ 12.00-18.00/1 GROUP=MAX5 PARTICIPANTS

Course description
The Autodesk® Fusion 360®: Introduction to Parametric Modeling guide provides you with an understanding of the parametric design philosophy using the Autodesk® Fusion 360® software. Through a hands-on, practice-intensive curriculum, you will learn the key skills and knowledge required to design models using the Autodesk Fusion 360 software.

Preliminary preparation:
Registered Autodesk Fusion 360 account

Basic knowledge of Autodesk Fusion 360

Course duration : 24 hours
Training group : max. 5 persons
Course instructors : Mark Jakobson , Valentin Degterjov

4 days /6 hours per day/ 12.00-18.00/1 group=max5 participants

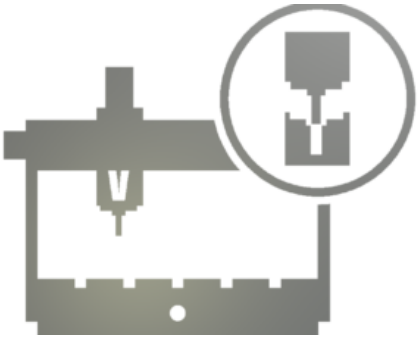
Before payment , take contact with us to arrange training dates and place!

Topics Covered

- Understanding the Autodesk Fusion 360 interface
- Creating, constraining, and dimensioning 2D sketches
- Creating and editing solid 3D features
- Creating and using construction features
- Creating equations and working with parameters
- Manipulating the feature history of a design
- Duplicating geometry in a design
- Placing and constraining/connecting components in a single design file
- Defining motion in a multi-component design
- Creating components and features in a multi-component design
- Creating and editing T-spline geometry
- Documenting a design in drawings
- Defining structural constraints and loads for static analysis

Read More
SKU: N/A
Price: €2.085,00
Stock: N/A
Category: Courses

Tags: cnc, training



TRAINING COURSE " CNC MILLING MACHINE OPERATIONAL SERVICE " *QUANTITY=HOURLY RATE =40.00 EURO

With your parts designed and optimized for CNC machining, it is time to start thinking about manufacturing. In this section, we walk you through the 3 simple steps needed to manufacture custom parts with CNC machining.

Read More

SKU: N/A
Price: €40,00
Stock: N/A
Category: Courses

Tags: cnc, training