

# Practical Course in Creative Digital Fabrication and Automation

7 topics  
3 credits



Enroll now! We are launching a course enhancing your life-long skills

## What:

Practical Course in Creative Digital Fabrication and Automation is a multidisciplinary course focused on learning by doing and consists of 2D and 3D design principles, reverse engineering processes, exploring new behaviors of traditional materials modified by digital manufacturing machines, programming IoT network in the physical world via sensors, soldering basics and more.

You finish this course with a project of your own, bringing your creative idea to life!

3 ECTS

## Where:

University of Chemistry and Technology in Prague (UCT),  
Technická 5, 160 00 Praha 6-Dejvice

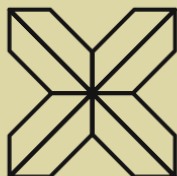
## Application:

07/03/2024 - 16/05/2024  
Course duration 20 - 24/05/2024  
Fee for non-UCT: 6000,- Kč

Introduction into 3D Modelling



Laser Engraving and Cutting



3D Printing using FFF Technology



Advanced 3D Printing Techniques



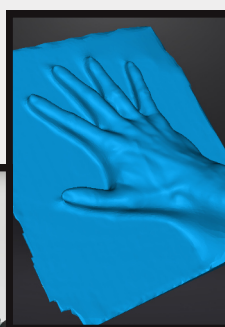
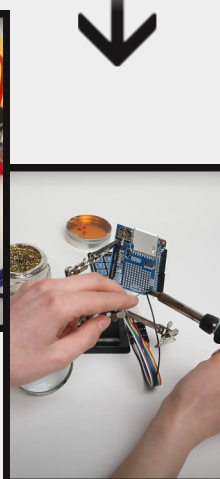
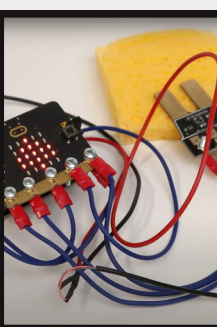
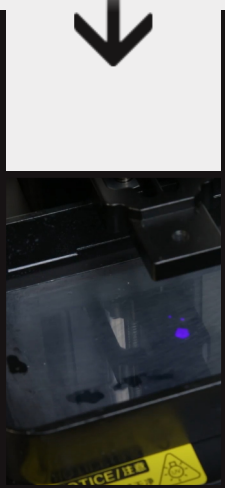
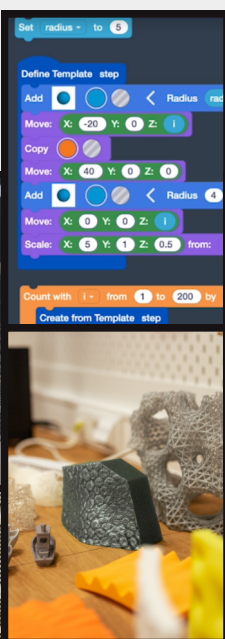
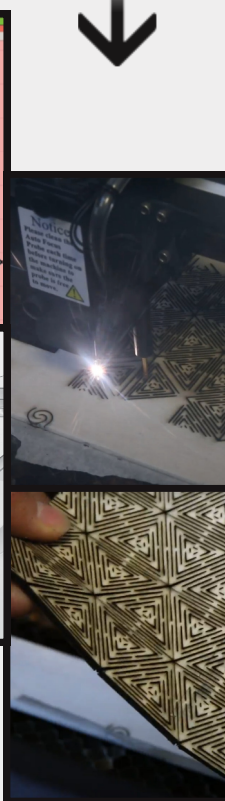
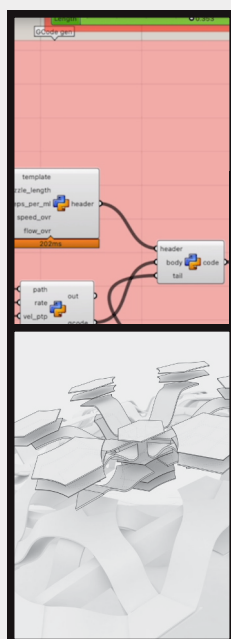
Microcontroller Programming with the Micro:bit Platform



Basics of Soldering, electronics and circuits



The world of machines and automation



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complete information at [www.makerinstitute.cz/en/lllc-2/](http://www.makerinstitute.cz/en/lllc-2/)

  
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