

Relevant For All Weeks

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Quotes

- Neil Week 2, 2025: 1:11:49 "And so asking which one to use is like asking who you should date"
- Neil Week 2, 2025: "For engineering advices AI is almost always almost right." - Neil
- Neil Week 7, 2025: minute 30 "If you're on windows, I strongly recommend using the Linux subsystem..."
- Neil Week 8, 2025: 16:50 "I like PNGs"
- FA Chat: "Who needs Git when you have OneDrive?"
- Ferdi: "Das verfluchte Outlook"
- (Somebody mumbles something non-understandable) Neil: "Okay"

Funny Things

<http://archive.fabacademy.org/2019/labs/waag/machine.mp4>

Literature

Books

- Paul Horowitz, Winfield Hill - The Art of Electronics
- Neil Gershenfeld - FAB: The Coming Revolution on Your Desktop
- <http://cba.mit.edu/docs/papers/12.09.FA.pdf>
- The Mythical Man Month; The Mythical Man-Month: Essays on Software Engineering by Frederick P. Brooks Jr. | Goodreads
- Getting Things Done: The Art of Stress-Free Productivity by David Allen | Goodreads
- A system to organise your life • Johnny.Decimal
- Open Circuits

Do not use these resources:

- <https://annas-archive.org/>
- <https://sci-hub.st/>

Papers

- Kathrin Smolarczyk - Let's get them on board
- Spiral Development for Non-Software Product and System Engineering
- Engineered Wood, conducting, glowing etc

Class Times & Data

Global Class

Wednesdays at 15:00 - 18:00 CET

This is the link to the class videoconference and to the recitations:

The very secure password is 1234

Local Classes

Local Class	Date	Time	Lecturer
<u>website with git</u>	23.01.2025	9h CET	Ferdi
<u>Wednesday after class</u>	29.01.2025	18h CET	Ferdi
<u>FreeCAD</u>	31.01.2025	11h CET	Babken
<u>Blender</u>	30.01.2025	12h CET	Ferdi
<u>Fusion 360</u>	30.01.2025	14h CET	Saco
<u>imagemagick and ffmpeg</u>	30.01.2025	16h CET	Henk
<u>Codium, Inkscape, Gimp</u>	03.02.2025	9h CET	Ferdi
<u>FreeCADlego.pdf</u>	04.02.2025	14h CET	Ferdi
<u>Computer controlled cutting</u>	06.02.2025	09h CET	Ferdi
<u>blender 2</u>	10.02.2025	13h CET	Ferdi

FabAcademy bootcamp

<https://academany.fabcloud.io/fabacademy/2025/bootcamp-students/>

Monday 20.1.2025 15-18h CET and
Tuesday 20.1.2025 15-18h CET
<http://fabacademy.org/2021/video.html>
<https://zoom.us/j/89416278965>

Regional review

Area: North Europe

Labs: AgriLab, Amsterdam - Waag, Kamp-Lintfort, ULB, Armenia, TU-Ilmenau

Mentor: Henk, Luc, Ahmed, Nicolas, Ferdi, Babken

When: Every Wednesday, 13:00 CET

Where: <https://us06web.zoom.us/j/96419721473>

Mattermost Group: <https://chat.academany.org/fabacademy-2025/channels/regional-europe---amsterdam---agrilab---dilijan>

MCU (always available video channel)

<http://fab.academany.org/2020/mcu.html> or:
<https://zoom.us/j/9699009392>

Global open time

Labs: All the world

Mentor: Rico, Pablo, Adrián

When: Every Saturday at 10:00 EDT 16:00 CET 15:00 GMT for 1 hour.

Where: MCU Zoom. meeting ID: 969-900-9392 password: 1234

Mattermost Group: <https://chat.academany.org/fabacademy-2025/channels/global-open-time>

Instructor bootcamp

Monday-Friday Jan 13-17, in-person in Peru and by video in the class conference:

meeting ID: 894 1627 8965, password: 1234\

can connect via browser: <http://fabacademy.org/2025/video.html>\

or: [https://zoom.us/j/89416278965\](https://zoom.us/j/89416278965)

or app: [https://zoom.us/download\](https://zoom.us/download)

or phone: +1 (669) 900-6833

<https://gitlab.fabcloud.org/academany/fabacademy/2025/bootcamp-instructors>

CET = Central European Time = Ilmenau time

Bookmarks

Fablab

Our TU Ilmenau website on fabacademy.org:

<https://fabacademy.org/2025/labs/ilmenau/>

The general website of fabacademy 2025:

<https://fabacademy.org/2025/>

The inventory of everything a fablab needs:

<https://inventory.fabcloud.io/>

Students

Benedikt

Jakob

Jarni

Matthias

Niclas

Richard

Sophia

Joshua

VSCode

[Download packages from marketplace](#)

Icons

These are the icons we want to set as cover images for each week. they still need to be downloaded and prepared.

Note that attribution is required. For that you can create a separate page "Attribution" in every week containing the attribution text.

bootcamp

project management & web dev

parametric design

computer controlled cutting

embedded programming

3d printing

electronics design

computer controlled machining

electronics production

Input devices

output devices

molding casting

application programming

networking

system integration

wildcard

intellectual property

Tutorials

How to configure Carvera for Fusion on Windows:

How to install ffmpeg on Windows:

Knigge

only underline things that aren't underlined yet