

**This is Fab Academy**

# How to Make (almost) Anything



# What is Fab Academy?

- CRASH COURSE // **Fast paced course** in rapid prototyping : 20 weeks, 19 technical topics + final project
- HANDS ON // Advanced technical skills through a **hands-on** curriculum fostering invention and entrepreneurship
- LEARN HOW TO LEARN // Beyond technical skills, the program sets an environment of **resilience** and **adaptation** to change
- OPEN SOURCE // Open source software, technologies and designs; **sharing** is essential in the Fab Lab environment
- DISTRIBUTED // Learning method: peers in local groups, groups connected in a 250 students world-wide virtual campus.

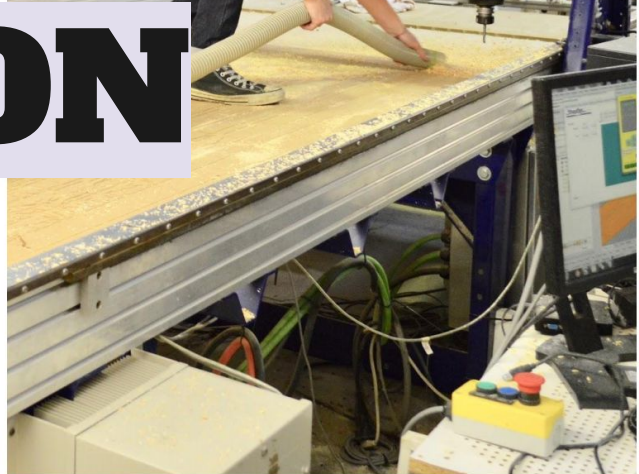




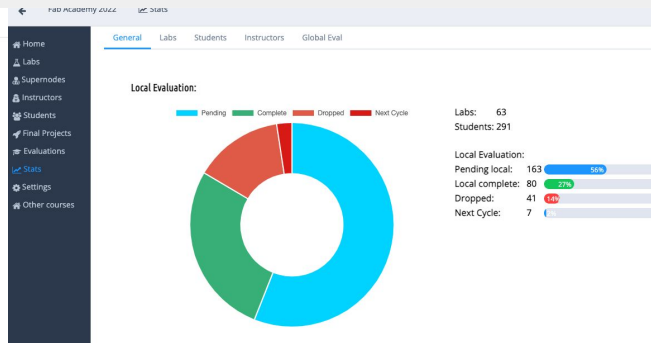
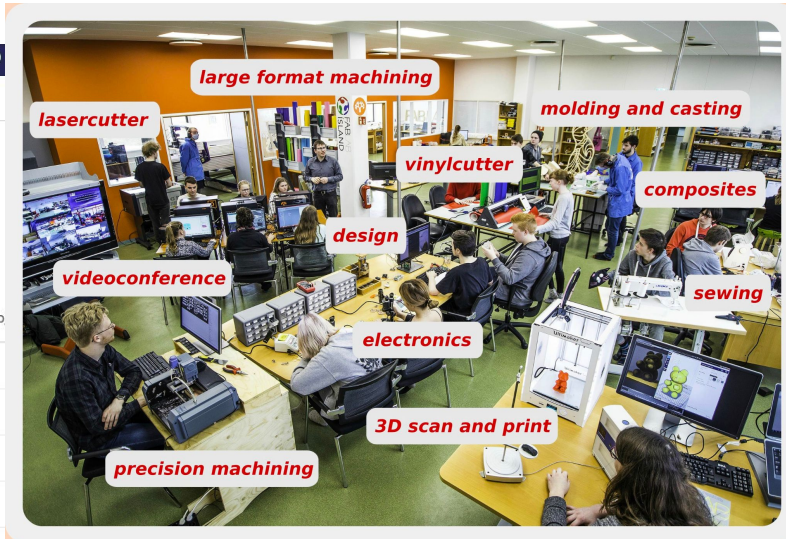
**DISTRIBUTED**



**EDUCATION**



# The Global Classroom

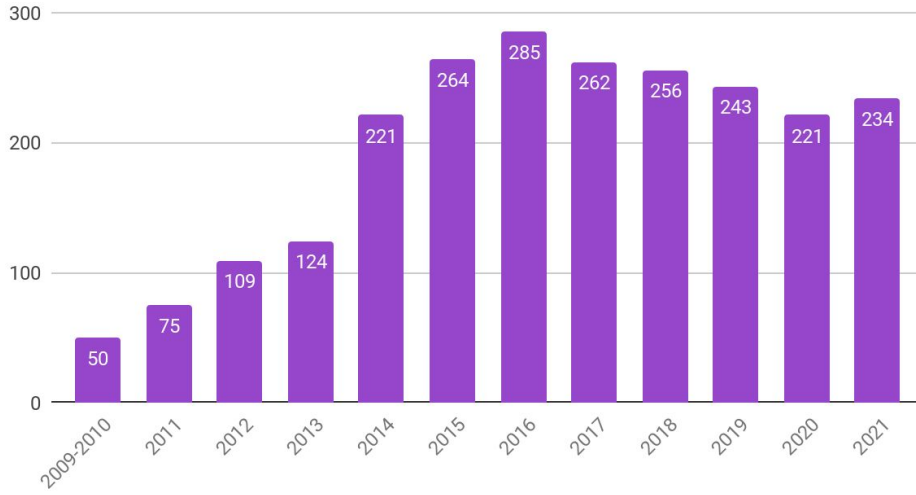


Academy 2021 - Final Projects [Schedule](#) [Thumbnails](#)

OBJECT THUMBNAILS



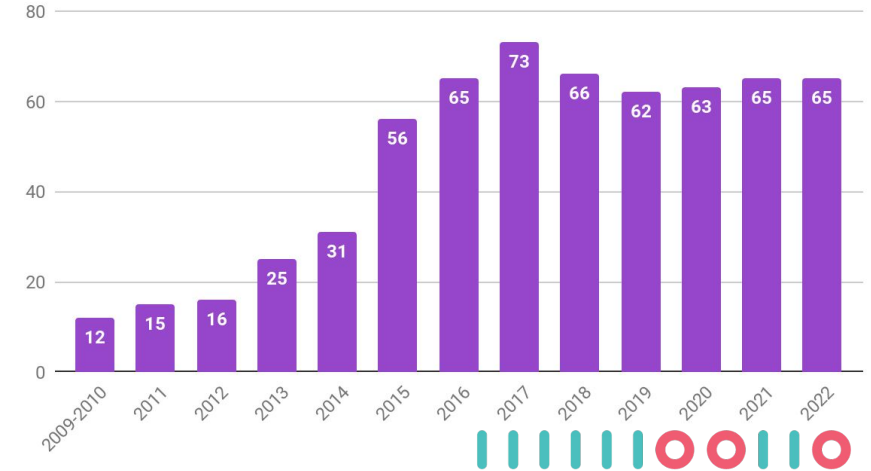
Students per year



# Fab Academy Historic Numbers

**+60 Countries**  
**+1200 Graduates**  
**+3200 Students**

Nodes per year



# Fab Academy Global Network

65

Nodes  
around the  
world

250

Students  
around the  
world

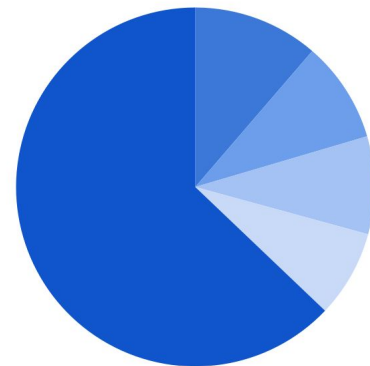


# Profiles

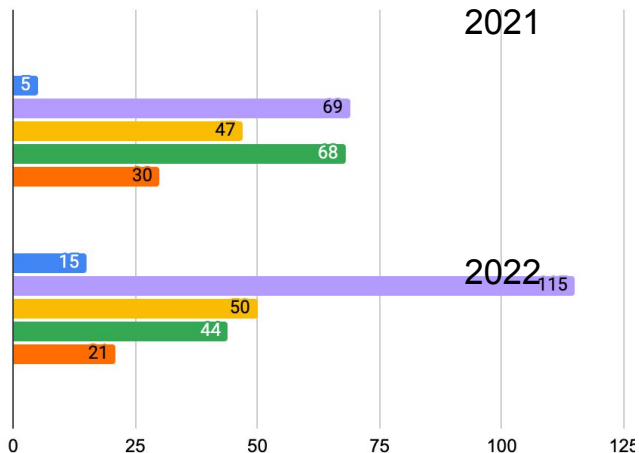
## +3200 Students

### TOPICS

- COMPUTER SCIENCE & ENGINEERING
- MECHANICAL ENGINEERING
- ARCHITECTURE
- ELECTRONIC DESIGN
- OTHERS

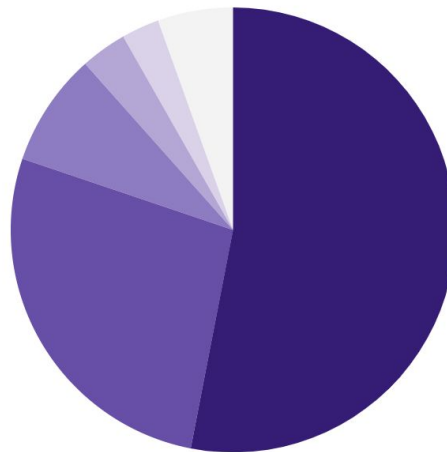


- AFRICA
- AMERICA
- ASIA
- EUROPE
- MIDDLE EAST



### EDUCATIONAL BACKGROUND

- UNIVERSITY STUDIES
- MASTER STUDIES
- SECONDARY STUDIES
- TECHNICAL STUDIES
- SELF-TAUGHT
- OTHERS



Youngest in 2020-2021, 15-13 years



Oldest in 2020-2021, 60-64 years





# Impact



## **Economic...**

The Our alumni have:

- open their own labs and become leaders in the network
- created their own professional practices revolutionizing the standards of their business;
- written books, papers and improved their Academic environments.
- become Technical assistant in companies, private practices and Universities;
- become Fab Lab Managers and Fab Academy Instructors become entrepreneurs

## **Environmental...**

They have designed and prototyped + 900 projects based on:

- sustainability principles
- recycling, repurposing & up-cycling
- local production and relocalization of production

## **Social...**

Our students and alumni have contributed in:

- creating and strengthening their local communities
- engaging in intergenerational learning
- empowering others via knowledge and collaboration
- > making a sustainable approach on Globalization





**Thank  
you**