Information
Application

3D Printing
Summer School

7th August until
12th August 2017

The course is taught in English and located at:
FH Aachen | University of Applied Sciences
Faculty of Mechanical Engineering and Mechatronics
GoetheLab for Additive Manufacturing
Goethestr. 1 in 52064 Aachen, Germany

For more information,
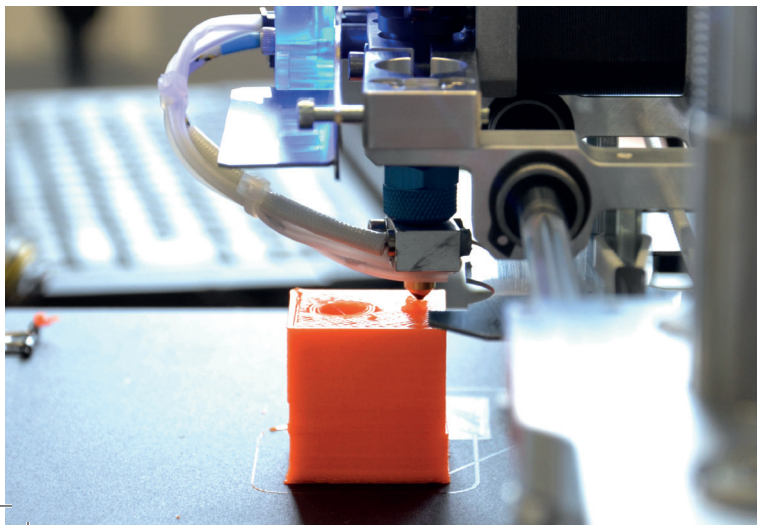please refer to our 3D Printing homepage:
www.fhac.de/aaa/3dprinting

Requirements

Required Skills | Applicants must have a basic knowledge of manufacturing techniques and at least one CAD-Modelling Language such as Autodesk Inventor or NX.

Language Skills | Participants should have a good proficiency in English as the 3D Printing Summer School is held completely in English.

The 3D Printing Summer School registration fee is 550 Euro and includes beverages during the course at the FH Aachen and the social programme (excursions included). Accommodation and catering costs are not included in the registration fee.

For more information, please contact us via email:
3dprinting@fh-aachen.de

FH Aachen | Goethestraße 1 | 52064 Aachen | Germany
www.fhac.de/aaa/3dprinting

Materialise
Your Own Ideas

If You Can Image It –
You Can Print It!

Preliminary Programme
7th August until
12th August 2017

3D printing is about new ways to design and make products. Therefore it is essential for the technically interested to understand the capabilities, challenges and drawbacks of this technology. While this technology generates a lot of hype even in non-academic areas, such as journals and television, it is barely taught in engineering education.

Our summer school provides a comprehensive, theoretical approach to 3D technology combined with hands-on experience.

After one week of delving into the 3D printing topic, you will be able to build your own 3D printer, start printing your own portfolio and prototypes, you will know how to handle the data chain for printer operations, understand the special challenges of different model types, and obtain reproducible parts.

7th August, Monday

Registration

Fabber-Show

Workshop | Build your own printer

Barbecue

8th August, Tuesday

Tutorial | Additive Manufacturing

Workshop | Build your own printer

9th August, Wednesday

Tutorial | Firm and host ware

Workshop | Pimp your printer

10th August, Thursday

Tutorial | AM-Design and CAD

Workshop | Print your own Design

11th August, Friday

Trip to Belgium

12th August, Saturday

Free hacking and printing

Final competition

Barbecue