FH MÜNSTER
University of Applied Sciences

MSA FB Architektur
Münster School of Architecture

3F3D Technology, Bayu Prayudhi, TU Delft - ARUP

Bachelor

Summer 23

ba.m7.6 Complementary Studies II

course

Moritz Wesseler

lecturer

Next Node - Advanced edition

title

Students are challenged to develop their own parametric system for junctions that exploits the possibilities of 3D printing and offers advantages over classic connecting elements made of wood, metal or glass. The course will teach the basics of 3D printing, prior knowledge of Rhino and Grasshopper is required.

The goal is to gain an understanding of the connection between Grasshopper design and 3D printing by the end of the series of events. The course will be workshop in nature and will conclude with presentation and load testing of the prototype part.

After this course, you will be able to understand and independently develop Grasshopper scripts, operate Rhino, design, optimize and independently launch a 3D print.

Translated with www.DeepL.com/Translator (free version)

topic

Einführung 3D-Druck: https://www.youtube.com/watch?v=5l_Eqcy9Z4s
Einführung Rhino: https://www.youtube.com/watch?v=UHTUhul0eI8
Einführung Grasshopper: https://www.youtube.com/watch?v=zDDVeDldval
Advanced 3D Printing with GH by Diego Garicia Cuevas, Gianluca Pugliese

recommended reading