

Welcome to ADD Basics!

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We'll start at 15:15

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Aalto-yliopisto
Aalto-universitetet
Aalto University



Today's agenda

15:15 Intro, Meri Kuikka

15:20 Sustainability in additive manufacturing, Elina Kähkönen

16:45 Break

17:00 Design for AM part 2: manufacturing technology, Aaro Packalén

Add Basics: what would you like to learn on this course?

Write down 3 separate learning objectives for yourself. What topics or skills would you like to learn about during this course? We'll do our best to incorporate your preferences into the course plan.

1. During this course, I would like to learn...

Enter your answer

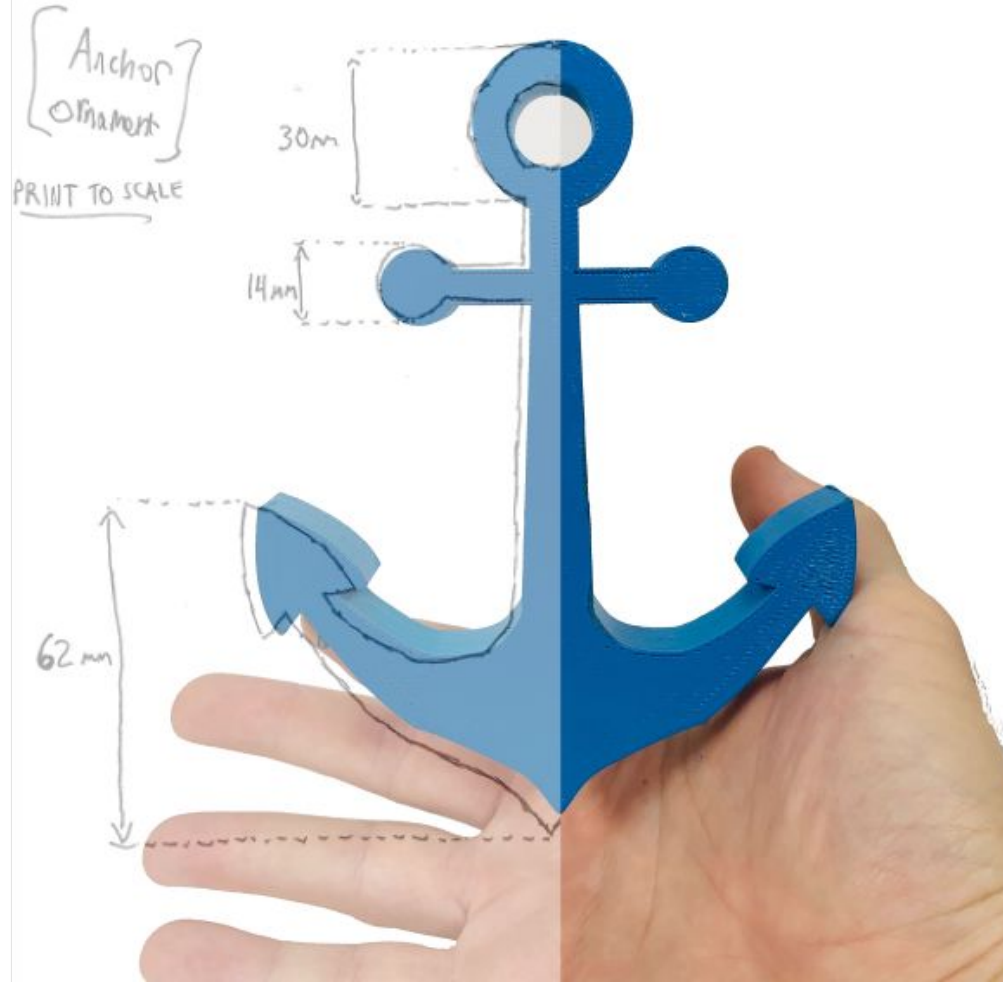
About sustainability in additive manufacturing

Legal requirements and regulations that need to be adhered to

I would like to learn the usefulness of 3D printing technologies

Assignment 3: Making a 3D model

- How did it go? Was it easy? Hard?
- Was this your first time modelling something?
- What software did you use?



Assignment 5: Collaborative CAD model

- Based on the prototypes you designed in the last assignment, get together with your team to design a new combined model
- Analyze your design from 3 perspectives: technical feasibility, business potential & sustainability
- More detailed instructions on MyCourses



Halfway checkpoint learning café: discuss your project idea with experts in different fields



Wycliffe Raduma: 3D printing



Elina Kähkönen: multidisciplinary teamwork



Sonja Hilavuo: talking to customers



Teppo Vienamo: production considerations



Anders Häggman: prototyping (role, look & feel, implementation)

- Team discussion with experts (15 minutes each)
- Each expert will answer any questions you may have about how to move your project forward, give you feedback on your work so far, and grade your ability to discuss their topic in relation to your project
- Your overall team grade for the halfway checkpoint will count for 25% of your course grade
- Bring the cardboard prototype you made in class 2 weeks ago



HBR / Digital Article / Data Is Great — But It's Not a Replacement for Talking to Cust...

Data Is Great — But It's Not a Replacement for Talking to Customers

by **Graham Kenny**
Published on HBR.org / March 05, 2021 / Reprint H0688I

Writing interview questions (or Anton)



Break (find your .stl files!)

