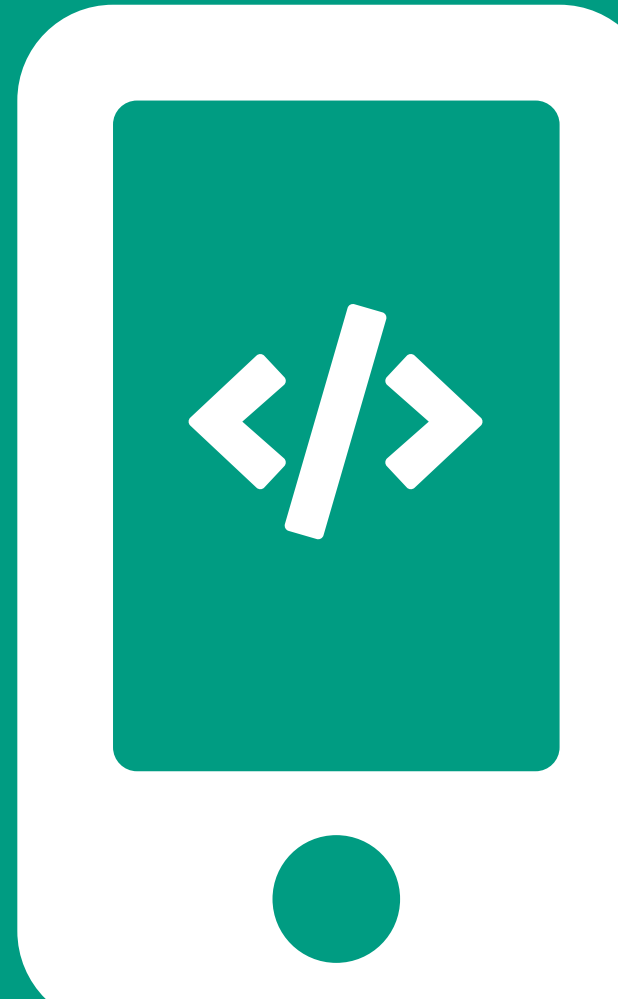Specialisation kick-off

Advanced Application Development

2023-24 Q1-2

First Quartile: 3x5 EC course, with a common approach

Backend Development (5ec)	Design Essentials (5ec)	Hybrid Development (5ec)
Assignment 1: Choose an advanced track, research backend frameworks, make prototypes for two of them.	**Assignment 1:** Design thinking, personas and lo—fi prototype	**Assignment 1:** Research different hybrid frameworks & make prototypes for two of them.
Assignment 2: Design & Implementation: build an API for your chosen advanced track.	**Assignment 2:** Create an complete UX design including a poster according to your research.	**Assignment 2:** Design & Implementation: build a hybrid application that uses your BD API and is ready for deployment on iOS and Android.

40%
3 weeks

60%
5 weeks

1. *All assignments are done in pairs.*
2. *You bring your own app idea.*
3. *Grading is done with a combined assessment*

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Second Quartile: 15 EC full stack project, with an actual client

Project Advanced Application Development (15ec)

Do a project for a real client, a real problem, and create a "ready for primetime" full-stack system.

Analyse the client needs, target group and prepare a plan and requirements. Build the actual product and validate your product is complete and robust by testing and validating your product.

Have (weekly) meetings with the client to coordinate your progress and to adjust your final product on the fly.

A bit of preparation in week 9 & 10 of the first quartle

8 to 9 weeks

Demo time!

Show Blackboard + Course Manuals + Assignments

Classes / Guidance

- Every course has 3 lessonhours a week. We will use these for:
  - Knowledge transfer
  - Discussions
  - Group guidance
  - (Peer) reviews to keep you on track
- But, most important: You need to research a lot by yourself!
  - There is a lot available online!
  - (Don't forget your LinkedIn Learning license)

Tips to stay on track and keep yourself motivated

- Tune in from the beginning. Be there when we have class

- Use the freedom we gave you (and take responsibility)

- Be part of our AAD community
  - We're all in this together. Stay connected, especially outside class
  - Help each other
  - Keep an eye on each other

- Talk about trouble you have, you'll see people have lots of similar problems

Now what?

- TODAY
  - Form pairs
  - Read the assignment descriptions on Blackboard
  - Make sure to join the AAD discord
    - https://discord.gg/syWj2MN
  - **Look into the AAD research method and plan your work**

- THIS WEEK
  - We expect real progress in week 1, so start off strong!

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