

Curriculum development

SESSION 4: CURRICULUM CO-
DEVELOPMENT

Curriculum Development course spring
2023

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Intended learning outcomes and content of the course



After the course, you will be able to:

1. to discuss the different approaches of the curriculum in higher education
2. to identify the curriculum development process and practices and reflect on them in relation to their degree programme/major/minor
3. reflect the principles of constructive alignment in curriculum development
4. identify and apply tools in curriculum development
5. **co-develop the curriculum together with the teaching team involved in the development**
6. make a plan for continuous development



Our main topics in the course:

- Curriculum in higher education, different approaches
- Constructive alignment in curriculum development
- **Development process of the curriculum**
- **Co-development of the curriculum**
- **Tools for curriculum development**
- Continuous development

Curriculum Development –course timeline

Session 1: Fri 14.4.2023 at 9.15-12.00: R028/R107 Väre
Introduction to curriculum development

Pre-assignment

Session 2: Fri 28.4.2023 at 9.15-12.00: U401 Otakaari 1
Curriculum development process

Assignment

Session 3: Fri 12.5.2023 at 9.15-12.00: U401 Otakaari 1
Tools for development

Decide the project topic by 5.5.23

Session 4: Fri 26.5.2023 at 9.15-12.00: Y308 Otakaari 1
Co-develop the curriculum

Prepare for coaching

Session 5: Fri 16.6.2023 at 9.15-12.00: U401 Otakaari 1
Reflection of the course and long-term development

Prepare project presentation

Submit report by 22.6.23

Work with the group development project

Today's schedule

Themes:

- Co-development of the curriculum

9:15 Schedule and learning outcomes for the day

9.30 Team coaching

10.35 **BREAK 10 MIN.**

10.50 Visiting lecture from Associate Professor Marko Keskinen, WAT Programme

11.30 **BREAK 5 MIN.**

11.35 Support services for curriculum design and instructions for the final session

Some picks of your mid-feedback

You liked:

Working in the mixed groups on different subjects. It's good to hear from others how they are doing things.

I like the course methods, practicality

course connects all the tools and information about curriculum development

Atmosphere

You wished for:

Best practice examples

Learn about support from the learning services

Hearing more about how things are done outside Aalto

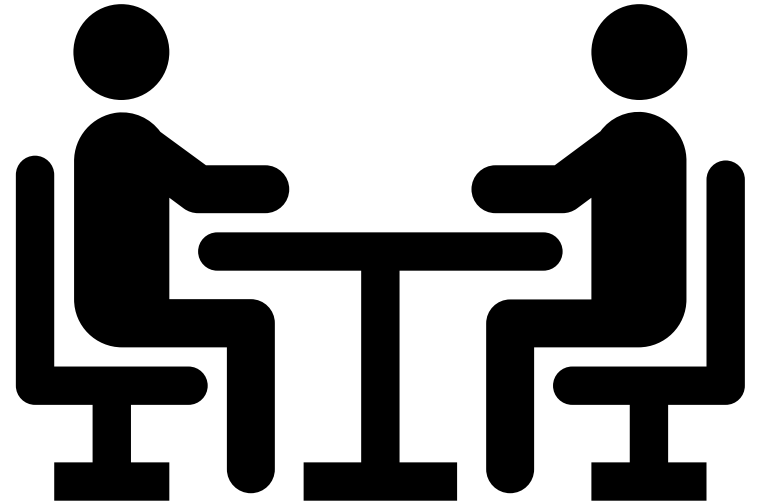
More practical topics: How to ensure efficient and smooth communication within community during the curriculum development? How to collaborate with others?

Team mentoring

Mentoring

AIM of the mentoring:

- to coach the other team to move forward with their development project
- to get acquainted in a deeper level with other programme/major context
- share experiences with another team and build shared understanding of the topics and maybe brainstorm solutions as well



Mentoring

Options for discussions

Time: 25min. / group

Option 1: “coaching style”

- mentoring team asks questions (below) from the other team
- the questions will help the team to find solutions for their challenges themselves and proceed with the project
- the mentoring team does not necessarily provide their own comments or ideas but is more in a neutral coaching role

Option 2: “reciprocal feedback discussion”

- the mentoring team can ask questions and give their comments and ideas based on what they have read
- if you wish, you can use the headlines below to structure your discussion (goal, reality, options, will)
- in this option the mentoring team is actively providing their views

Mentoring pairs:

ARTS:

**Salla &
Jonathan**

ARTS:

**Oscar, Nuria,
Namkyu, Kuura,
Denise**

SCI:

**Fabricio &
Lasse**

ENG:

**Maaria,
Mirjam &
Matti**

CHEM:

**Anna &
Pauliina**

**Matias,
Stephan &
Augusto**

Mentoring wrap-up: *how did you find it?*

Curriculum development practices in WAT programme

Marko Keskinen,
Associate Professor,
Water and Environmental
Engineering



Support services for the curriculum work at Aalto

Support services for curriculum development at Aalto-level

- **Pedagogical training**
 - Curriculum development pedagogical course
- **Curriculum design instructions**
 - Timeline and process
 - Tools for curriculum development
 - Instructions on how to compile the curriculum
- **Curriculum goals and the support for the implementation**
 - Support for integrating the cross-cutting themes available from Aalto Co-Educators team

➤ [Aalto University pedagogical training for teaching faculty | aalto.fi](https://aalto.fi/education/pedagogical-training-for-teaching-faculty)

➤ [Curriculum design at Aalto University | aalto.fi](https://aalto.fi/education/curriculum-design-at-aalto-university)

➤ [Tools to support the co-development of curriculum | aalto.fi](https://aalto.fi/education/tools-to-support-the-co-development-of-curriculum)

➤ [Aalto Co-Educator team \(ACE\) | aalto.fi](https://aalto.fi/education/aalto-co-educator-team-ace)

Support for enhancing integration of sustainability and other cross-cutting themes

Development methods utilised with Aalto programmes

Building knowledge about sustainability and about integration possibilities

- Building connections to sustainability
- Providing concepts and models to create understanding about integration

Co-developing the integration

- Co-development of programme ILOs
- Facilitating dialogue in the teacher community

Utilising reflective approach

- Dialogue regarding the goals of education, and our roles and responsibilities as educators

Examples of offered support

- **CHEM:** facilitation of school level workshops on sustainability (2020)
- **BIZ:** facilitation of master degree learning goal renewal (2022)
- **ELEC:** Facilitation of Electronics and Nanotechnology curriculum development, sparring of Hydrogen Technology ILO development (2023)
- **ENG:** Supporting Advanced Energy Solutions curriculum mapping (2023); support for developing courses for complex problem solving in the bachelor programme (04/2023)
- **ARTS and SCI:** dialogue with programmes to identify development goals regarding sustainability (04-05/2023)

Support services for curriculum development at the school-level

- **Pedagogical support for curriculum development (pedagogical specialist, digipedagogical specialist):**
 - Mentoring, support for workshop planning and facilitation, support for planning the development process, onboarding of new academic faculty members
 - Topics like development of the ILOs, developing alignment at different levels and from different viewpoints, workload
- **Support for the producing and decision-making concerning the curricula (planning officers, coordinators):**
 - Advising about the administrative side of the curriculum planning, collecting required data, ensuring the schedule, support for planning the development process, support for workshop planning and facilitation

Instructions about the final session

Timetable for the project

- **By 5.5.** decide the development project topic, write description and justification to the report and provide a link to the report for the teachers
- **Fri 12.5.** third session of the course, mentoring teams announced
- **By 19.5.** send the link to your report for your mentoring team (the report as it at this stage) and start preparing for mentoring (read the other groups report and make notes)
- **Fri 26.5.** fourth session of the course, team mentoring session (aim is to get support and ideas for others for the project)
- **prepare presentation of your project (report does not have to be ready yet)**
- **Fri 16.6.** final session of the course, project presentations (report does not have to be ready yet)
- **By 22.6.** submit your final report

Presentation of the project

Time for each group
strict 10min.

Format: free but brief
(max. 3 slides)



Your “research question and methods”: what was the challenge you wished to solve and how?



What was the outcome?



What did you learn?

Aim of the presentations

- **To provide the overall picture of the development projects of the course for everyone:**
 - share experiences of different types of identified challenges, solutions to the challenges and ways of working
 - *Keep it simple! It is not necessary to describe the whole process, only the key things*
- **To summarise the key learning** of the projects conducted during the course



Thank you!

Feedback for the fourth session:

<https://presemo.aalto.fi/cdfeedback/>

