Curriculum Development –course (autumn 2021)

Presentations and Long-term development

Aalto-yliopisto
Aalto-universitetet
Aalto University

6.10.2021

Curriculum development
Summer-autumn 2021 (3 cr)

Pre-assignment dl. 31.5.

DAY 1

Introduction to curriculum development processes, constructive alignment

Wednesday 16.6.

at 13:00-16:00
(Zoom)

After DAY 1

Assignment

Mentoring

DAY 2

Curriculum co-development

Wednesday 1.9.

at 13:00-16:00
(Zoom)

After DAY 2

Mentoring

Working with your development project

DAY 3

Presenting the development task for other groups

Tools and methods for curriculum development

Wednesday 22.9.

at 13:00-16:00
(Zoom)

After DAY 3

Mentoring

Working with your development project

DAY 4

Presenting the development task for other groups, long-term development

Wednesday 6.10.

at 13:00-16:00
(Zoom)

Course feedback
After the last session

Submit the final report by
10.11.2021

Outline and objectives for today

After the course, the participant will be able to:

- ***co-develop the degree programme together with the teaching team involved in the programme***
- ***make a plan for continuous development in the degree programme***

13.00 Orientation for the day

13.10–14.50 Group presentations and feedback from others

Three short breaks

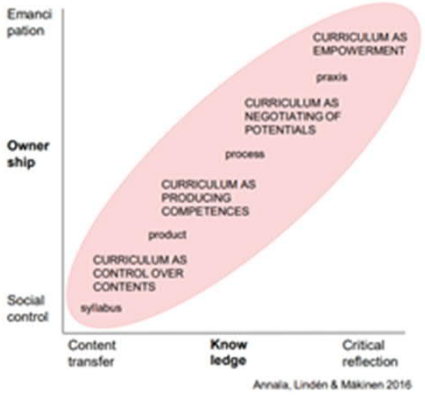
15.00–15.45 Looking back and forward: reflection of the course

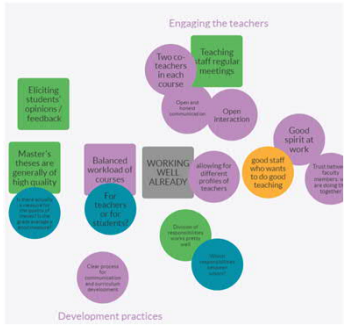
15.55 Instructions about the project report and thank you

Group presentations

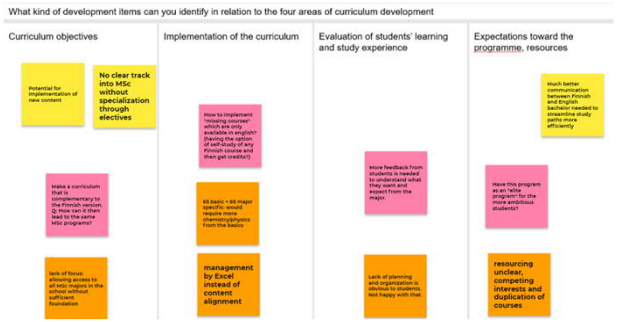
- **Schedule:**
  - **15 minutes time for presentation +**
  - **15 minutes for discussion**
  - **A short break between sessions**
- **Groups:**
  - **Group 1, ARTS**
  - **Group 2, ENG (WAT)**
  - **Group 3, CHEM**
- **Feedback:**
  - **Other participants give comments during/right after the presentation:**
  - **https://presemo.aalto.fi/cdpresentations**

Looking back and forward: reflection of the course





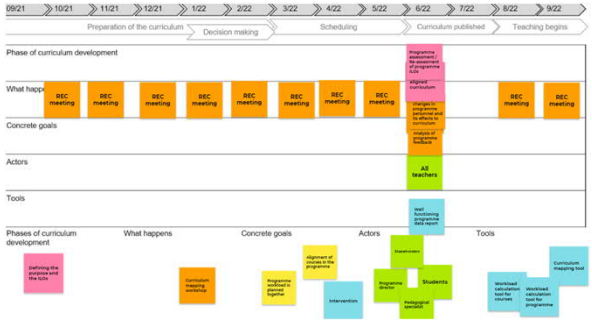
CHALLENGE
CONCERNS
SOLUTION
NEXT STEPS



Relationship	Importance	Goal of cooperation	What achieve t
Teacher - Teacher	For refining	How to realize the allignment	Meet in pe
Teacher - Major head	Important	Align meaningful content	**Real and be really ILOs trans**
Major head – program head	?	Define overall general content	
Student - Teacher	important	Obtain feedback, get to know students	
Student – Major head	important	Obtain feedback	
Major head - HoD	Low	Send the bill	
Student – Academic advisor	important	Connect to the student needs	Meet in pe feedback. Michael H.

Curriculum map CHEM Chemical Engineering

	Principles of General and Organic Chemistry	General Chemistry Laboratory Course	Fundamental Biosciences
Learn the basic skills and knowledge required for a transition from an oil-based to a sustainable society	xx	xx	
The focus of the major is on biotechnology and biomaterials, with strong basics in mathematics and programming	x		
Learn bio-based "thinking" which will help in finding novel solutions to make this world more sustainable and create innovative products and solutions			
You will be introduced to material sciences and polymer technology related natural raw materials, product design, and related industrial processes			



Thoughts raised by you during the course

Challenges regarding the curriculum

- How to get all incoming students to the same level in the first semester
- Balanced workload of courses
- Better course alignment needed
- Everyone understands how their courses and teaching relate to the curriculum objectives
- Attractiveness of the program

Co-development

- Long-term commitment
- Coordination and shared evaluation, continuous evaluation, quality measures
- Division of responsibilities works pretty well
- Open and honest communication
- Not following a clear cycle or clock, which makes anticipation of inputs needed difficult

Resources and expectations

- Resourcing unclear
- Significant growth in future student numbers
- Lack of time
- Curriculum is full, little room to improve
- Changes in faculty challenge continuity

Pair discussion (15min.)

Looking back:

- What kind of inventions or discerns have you made during the course? Has something changed in your thinking? What has helped you?
- Which one of these previously mentioned themes (or something else) is especially relevant for you now?

Looking forward:

- What will happen before the next curriculum design round (2024-2026)? How will you proceed with the development work?
- Who will you involve in the development?

1. Take a couple of minutes on your own to reflect these questions.

2. Then share your thoughts with your pair.

3. Prepare to share one (1) main finding with everyone.

Where do you find support after this

Support in your own school:

- Pedagogical specialists
- Learning services staff

For specific themes:

- Curriculum development in Aalto: **Noora Jaakkola**, **Erika Myllyniemi**
- Integrating cross-cutting themes and multidisciplinary in teaching: A! Co-educator team: **Elina Kähkönen**

Other:

- Your fellow participants on this course – keep on learning from others!

Useful tools and guidelines:

- Curriculum development in Programme director's handbook
- Instructions on how to design intended learning outcomes
- Curriculum mapping tool
- Workload calculation tool
- Curriculum development instructions and tools
- The guidelines for curricula 2022-2024

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How to strengthen curriculum development practices?

Our aim: Programme teaching teams have the capabilities and sufficient support for curriculum development.

- Programmes are being continually developed through broad collaborations among academic staff.
- Programmes utilise well functioning curriculum development practices (e.g. curriculum mapping)

So far the work has included:

- Process development to recognize the phases of curriculum development
- Development of support modes and tools (e.g. curriculum mapping)
- Raising awareness through workshops and events
- Pedagogical course on curriculum development
- Facilitation of curriculum development workshops

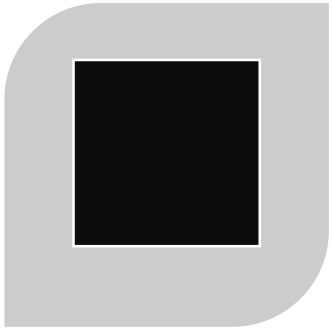
What kind of support would you need/be most useful in the curriculum development of your programme?

Feedback time!

https://presemo.aalto.fi/cd2021b

After this session

CONTINUE WORKING ON YOUR DEVELOPMENT



YOU CAN STILL CONTACT YOUR MENTOR AND DISCUSS THE FUTURE PLANS

RETURN YOUR FINAL VERSION BY NOVEMBER 10TH

Thank you!

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