

DigiDevelopment Studios

7.11.2019

Maire Syrjäkari and Jukka Välimäki in collaboration with ICT for Learning Team 2019



TODAY'S SCHEDULE

12:30-13:30

Introducing the course and participants

13:45-14:15

Workshops
Constructive alignment in teaching

-15:00

Starting peer groups

DigiDevelopment Studio 2019-2020

We implement the Studios in collaboration with ICT for Learning team.

Goals of Studios:

- to support teachers to utilize educational technology in teaching and learning in a pedagogically meaningful and justified way.
- to develop own course based on constructive alignment.
- to experiment and train of Aalto's educational technology with guidance.

Your turn: Let's get to know more of each other

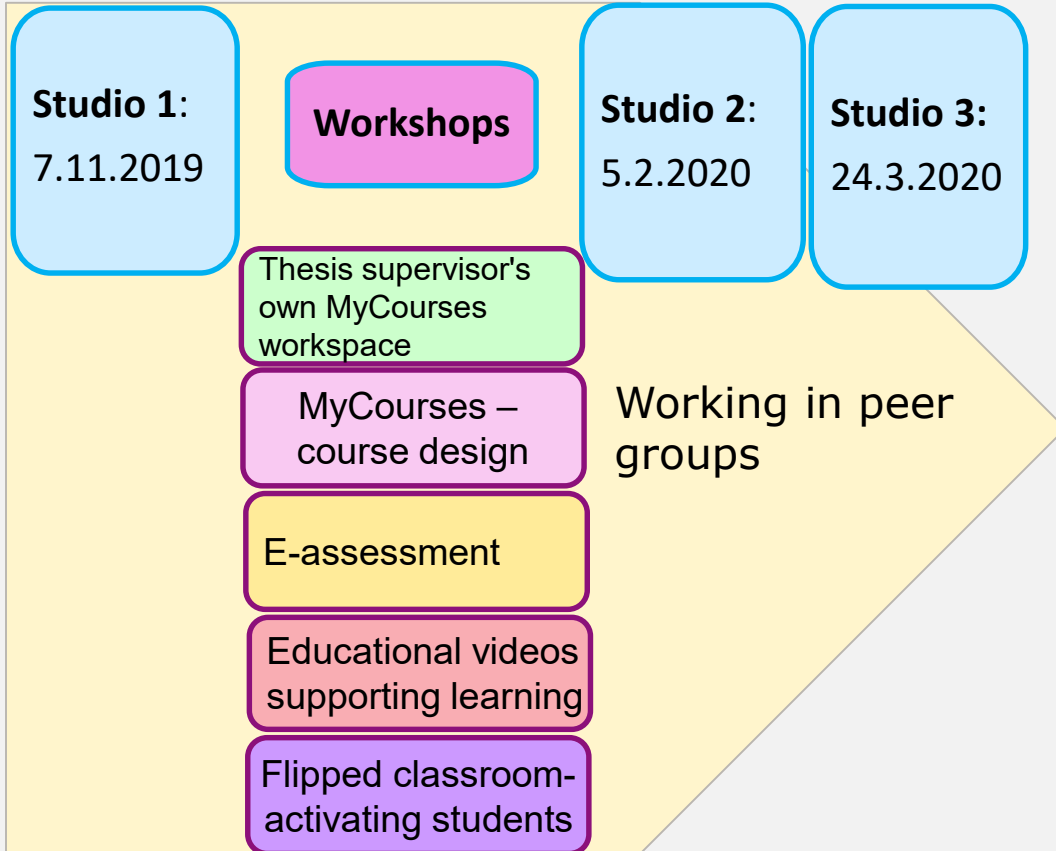
1. Interview your colleague (5+5 min)

- Who is she/he?
- In which school/programme/? she/he works?
- What kind of expectations does she/he have for this course?

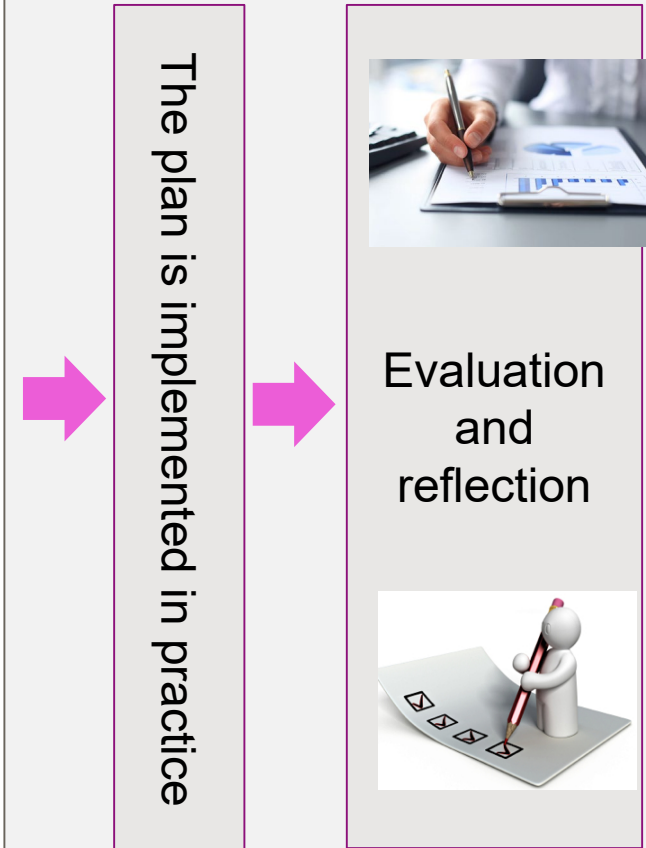
2. Introduce your colleague to us 2 min/person

DigiDevelopment Studios 2019-2020; structure and timeline

Aalto University Pedagogical Training 3 cr



Aalto University Pedagogical Training 2 cr



Intended Learning Outcomes: After the course, participant:

- has prepared a plan for his/her course by evaluating and choosing pedagogical solutions based on constructive alignment in teaching.
 - is able to assess the use and usefulness of educational technology, choose the most appropriate tools and/or methods for own teaching and justify these choices.
 - is able to provide and receive reasoned and constructive feedback regarding peers' educational technology solutions.
 - has familiarized him/herself with the educational tools provided by Aalto and has practiced the use some of them under guidance.
 - Has implemented the plan in practice.
 - Has collected feedback from students and evaluated and reflected on success.
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Activity and study time allocation	3 cr	Total
Studios:	3*2 h	12 h
Pre-assignment for studio 1	1 h	1 h
Workshop:	2x 2 h	2-10 h
Familiarizing yourself with educational technology tool and apply to own teaching:	20 h	20 h
Preparing second version of course plan for studio 2:	5 h	5 h
Final plan	10 h	10 h
Providing feedback for peer	1 h	1 h
Peer group	3*2= 6 h	6 h
Reading task	15 h	15 h
In total		80 h
	+ 2 cr	
Applying in own course implementation	20 h	20 h
Collecting and analysing student feedback	15 h	15 h
Writing a reflective essay	20 h	20 h
In total		55 h



Short break



Workshops

Workshops schedule 2019-2020: Autumn term 2019

	Thesis supervisor...	E-assessment	Video	MyCourses	Flipped
Thu 14.11. At 13:00-15					
Thu 21.11. At 12:00-14					
Mon 25.11. At 10:00-12					
Fri 29.11. At 9:00-11					
Tues 10.12. At 14:00-16					

Workshops schedule 2019-2020: Spring term 2020

	Thesis supervisor...	E-assessment	Video	MyCourses	Flipped
Wed 8.1. at 9:00-11					
Thu 16.1. at 9:00-11					
Mon 20.1. at 12:00-14					
Tues 28.1. at 14:00-16					
Thu 30.1. at 9:00-11					

Educational Videos

Videot opetuksen tukena

Date and time: 21.11.2019 at 12.00-14.00 and 16.1.2020 at 9-11.00

Panopto is the centrally managed multimedia capture solution at Aalto. It can be easily used to record presentations, instructions, lectures, screencasts, events etc. from any laptop.

Workshop will provide demo and information on the basics of using Panopto and will also be used as a way to address specific questions and concerns that users may have.

Facilitator: Antti Huittinen, ICT for Learning

Aika: 21.11.2019 klo 12.00-14.00 ja 16.1.2020 klo 9-11.00

Panopto on Aallon multimediapalvelu, jonka avulla opettaja voi tehdä ja jakaa esimerkiksi erilaisia lyhyitä opetus- ja ohjevideoita tai tehtävänantoja sekä tallentaa luentoja.

Työpajassa opitaan Panopto-videoiden tekemisen perusasiat sekä keskustellaan esimerkkien avulla erilaisista videoiden käyttötavoista opetuksessa.

Ohjaaja: Antti Huittinen, Oppimisen IT

Thesis supervisor's/Advisor's own MyCourses workspace

Opinnäytteen ohjaajan/valvojan oma MyCourses-työtila

Time: Fri 29.11.2019 at 9.00 -11.00 and Tues 28.1.2020 at 14.00-16.00

Workshop is about how the personal workspace could be a full use to a supervisor/advisor. A ready-made Mycourses workspace can be used right away:

- students can submit their thesis versions to their supervisor
- a Turnitin similarity report is automatically generated on the submitted file in order to help scientific writing
- supervisor/advisor can give feedback on thesis versions in Turnitin feedback studio
- time slots for appointments can be offered (by supervisor/advisor) and reserved (by students).

If you do not have your personal workspace yet, please order it by [filling in this form](#). [The template of a workspace](#) is copied and slightly altered depending on practises of the School and renamed for each supervisor

Facilitator: Minna Vänskä, ICT for Learning, Learning services

Aika: Pe 29.11.2019 klo 9.00 -11.00 ja Ti 28.1.2020 klo 14.00-16.00

Työpajassa otetaan hyöty irti omasta opinnäyteohjauksen työtilasta. Käyttövalmis MyCourses-työtila on heti hyödynnettävissä:

- opiskelijat voivat palauttaa opinnäytteen versioita ohjaajalleen/valvojalleen
- Turnitin-yhtäläisyysraportti syntyy automaattisesti palautetun tiedoston päälle tieteellisen kirjoittamisen avuksi
- ohjaaja/valvoja voi antaa palautetta versioihin Turnitin Feedback Studioissa
- ohjaaja/valvoja voi tarjota ohjausaikoja ja opiskelijat voivat varata niitä.

Jos sinulla ei vielä ole henkilökohtaista työtilaa, tilaa se [tällä lomakkeella](#). [Työtilan template](#) kopioidaan ja nimetään tilaajan mukaan sekä tarvittaessa hieman muunnellaan riippuen korkeakoulun käytännöistä.

Ohjaaja / fasilitoija: Minna Vänskä, Oppimisen IT, Oppimispalvelut

MyCourses - course design

Kurssin suunnittelu ja toteutus MyCourses:ssa

Time: Thu 14.11.2019 at 13:00-15 and Wed 8.1.2020 at 9:00-11

MyCourses is a platform for all courses, supporting your course activities, feedback, grading and communication. Take the best out of it. Plan and implement your course in MyCourses, using the best tools for your pedagogical goals.

On the first session we discuss your course plan and share ideas about the best tools and activities to support your goals. Between sessions, you can work with your MyCourses course environment. You get and give feedback to your colleagues. On the second session, we discuss the questions arisen during the course preparation.

Facilitator: Outi Rautakoura and Tiina Lehtonen, ICT for Learning

Aika: To 14.11.2019 klo 13:00-15 ja Ke 8.1.2020 klo 9:00-11

MyCourses:n kurssikohtaisessa oppimisympäristössä opettaja voi jakaa materiaaleja, tiedottaa opiskelijoille ja teettää erilaisia tehtäviä, arvioida ja antaa palautetta. MyCourses myös tukee opiskelijoiden yhteistyötä sekä tarjoaa välineitä opiskelijoiden etenemisen seurantaan.

Työpajan ensimmäisessä tapaamisessa keskustellaan jokaisen kurssisuunnitelmista ja siitä, miten MyCourses voisi parhaiten tukea opettajan opetuksen tavoitteita; keskustellaan työkaluista ja parhaista käytänteistä. Työpajojen välillä jokainen valmistelee mahdollisuuksien mukaan omaa MyCourses-kurssityötilaansa, ja osallistujat voivat antaa ja saada toisiltaan palautetta ja vinkkejä. Toisessa tapaamisessa keskustellaan valmistelun aikana esiin nousseista kysymyksistä.

Ohjaaja: Outi Rautakoura ja Tiina Lehtonen ,
Oppimisen IT

e-Assessment workshop

Sähköisen arvioinnin työpaja

Time: Mon 25.11.2019 at 10.00-12
and Mon 20.1.2020 at 12.00-14

The e-Assessment Workshop introduces you to the Aalto-supported tools where you can implement and support the electronic evaluation of learning. We also use time to compare various methods of e-assessment and discuss whether the use of electronic evaluation tools will need us to change exam questions or form of other assignments.

Facilitator:
Venla Virtakoivu, ICT for Learning

Aika: Ma 25.11.2019 klo 10.00-12 ja
ma 20.1.2020 at 12.00-14

Sähköisen arvioinnin työpajassa tutustutaan Aallon tukemiin työkaluihin, joilla voidaan toteuttaa ja tukea oppimisen arviointia sähköisesti. Työpajassa käytetään aikaa myös erilaisten sähköisen arvioinnin toimintatapojen ja keinojen vertailuun ja pohditaan muuttaako sähköisten arviointivälineiden hyödyntäminen esimerkiksi tenttikysymyksiä tai muita tehtävänantoja.

Ohjaaja:
Venla Virtakoivu, Oppimisen IT

Flipped classroom – activating students

Flipped classroom – aktivoiva opetus

Time and place: Tues 10.12.2019 at 14:00-16 and Thu 30.1.2020 at 9:00-11

The workshop introduces you to the flipped classroom method that reverses the traditional learning environment: The students are offered pre-defined online materials (e.g. videos, simulations, readings) outside classroom, leaving more time for conversation, exercises and assignments in classroom.

During workshop, you get to do hands on exercises on planning flipped classroom -sessions, using videos in teaching and activating instruction in the classroom. You will get introduced to Panopto media service and Presemo participation platform.

Facilitator: Timo Ovaska, ICT for Learning

Paikka ja aika: Ti 10.12.2019 klo 14:00-16 ja to 30.1.2020 klo 9:00-11

Työpajassa perehdytään flipped classroom-menetelmään (“käänteinen opetus”), jossa opiskelijat valmistautuvat kontaktiopetukseen etukäteen perehtymällä erilaisiin verkossa oleviin materiaaleihin (videoihin, simulaatioihin, lukuaineistoihin) ja valmistautuvat esimerkiksi tekemällä tehtäviä. Kontaktiaika voidaan käyttää luennoimisen sijaan keskusteluihin, harjoituksiin ja tehtäviin.

Työpajassa suunnitellaan flipped classroom -sessioita ja perehdytään erilaisiin opiskelijoiden aktivoimisen välineisiin ja menetelmiin (mm Presemo).

Vetäjä: Timo Ovaska, Oppimisen IT

Group work online / Microsoft Teams

Ryhmätyö verkossa / Microsoft Teams

Time:

Mon 2.12.2019 klo 13-15 &
Thu 23.1.2020 klo 9-11

Principles of online group work
and utilizing Microsoft Teams
when teaching.

Facilitator:

Anni Rytkönen, Staff Scientist,
Computer Science (SCI)


Aika:

Ma 2.12.2019 klo 13-15 &
To 23.1.2020 klo 9-11

Verkossa tapahtuvan
ryhmätyöskentelyn periaatteet ja
Microsoft Teamsin
hyödyntäminen opetuksessa.

Fasilitaattori:

Anni Rytkönen, Staff Scientist,
Computer Science (SCI)

A grayscale background image of a meeting room. In the foreground, the backs of two people are visible: a man on the left with short dark hair and a woman on the right with long dark hair. They are looking towards a wall covered in various documents, charts, and posters. One poster on the left has the text 'HELPING LEADERS' and 'SOCIAL MEDIA'. Another poster on the right has the text 'Team C' and 'Team D'. A typewriter is visible on a table in the lower left. The overall scene suggests a collaborative work environment.

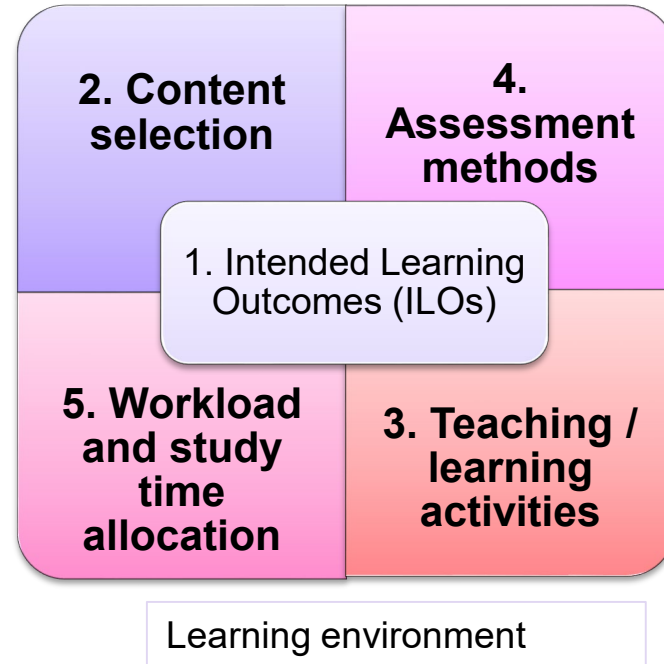
Constructive alignment in teaching

Planning "constructively aligned" course

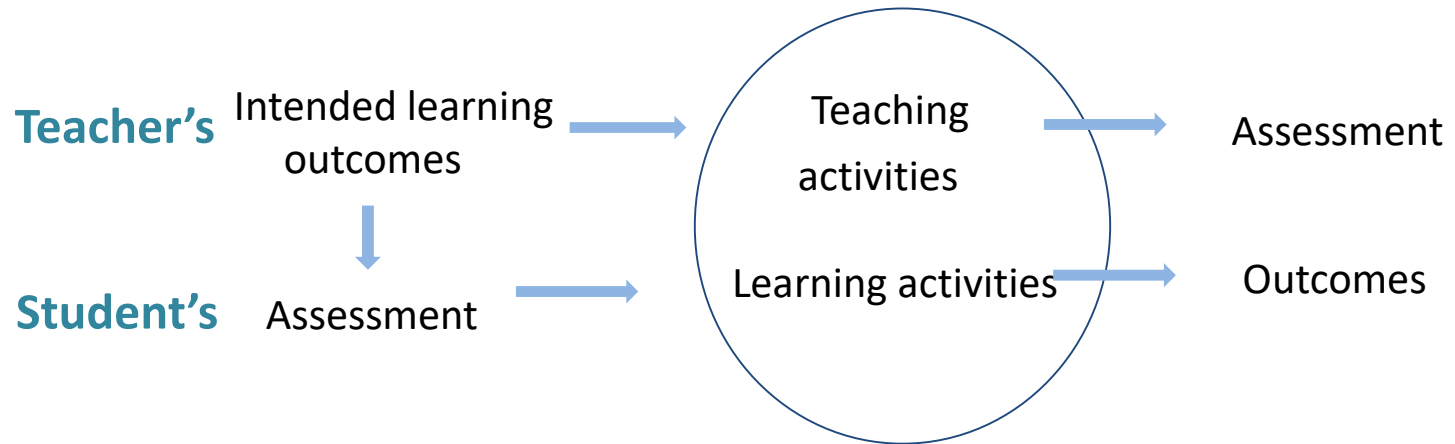
The concept of "constructive alignment" is related to constructivistic approach on learning (Biggs 1996, 2003)

Constructive alignment means that the components in the teaching system, especially the teaching methods used and the assessment tasks, are *aligned* with the learning activities assumed in the *intended learning outcomes*.

The teacher's job is to create a *learning environment* that supports the learning activities appropriate to achieve the intended learning outcomes.



Teacher's and student's perspectives on assessment



Students learn what they think they will be tested on

Your turn

Group discussion (10 min)

- What kind of added value educational technology could bring to your course (teaching and learning)?

PEER GROUPS



GROUP ACTIVITIES

- Meet at least 3 times during a course and twice before next studio
- Familiarize yourselves together to some selected theme or topic
- Seek, read, discuss, write and present task
- Peer support

Group	Name	School	email
Wolves	Abed Ayman	ENG	ayman.abed@aalto.fi
	Chun Namkyu	ARTS	<u>namkyu.chun@aalto.fi</u>
	Henriksson Linda	SCI	<u>linda.henriksson@aalto.fi</u>
Foxes	Luukkonen Marja	BIZ	marja.luukkonen@aalto.fi
	Lin Weiwei	ENG	weiwei.lin@aalto.fi
	Helkiö Noora	LC	noora.helkio@aalto.fi
Eagles	Rashidfarokhi Anahita	ENG	anahita.rashidfarokhi@aalto.fi
	Vanhanen Jari	SCI	jari.vanhanen@aalto.fi
	Gloukhovtsev Alexei	BIZ	alexei.gloukhovtsev@aalto.fi
Owls	Sigg Stephan	ELEC	<u>stephan.sigg@aalto.fi</u>
	Tiilikainen Sanna	BIZ	sanna.tiilikainen@aalto.fi
	Bragge Johanna	BIZ	johanna.bragge@aalto.fi



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Homework

For next studio

A. Two peer group meetings before next studio 5.2.2019

Peer group meeting 1:

- Share your workshops experiences and situation of your own plan.
- Define your group's theme or tool you want to know better
- Write down to your group wiki-page (in mycourses) following: selected theme or topic, why you selected this theme/topic, how are you going to proceed.
- Each member seeks one article about selected theme, reads it and write 200 words about it to wiki (+ link to article)

Peer group meeting 2:

- Share your workshops experiences and situation of your own plan.
 - Discuss about articles (book etc.) related to your theme/topic.
 - Plan how you present your group's findings to whole group in next studio.
 - Update your wiki
-

For next studio

B. Participate at least to two workshops related to same theme

C. Continue your pre-assignment utilizing reading materials, articles, workshop etc. Submit your plan v. 1.0 to MyCourses Studio 2/ First version of plan DL 17.1.2020

D. Give feedback from colleague's plan (we will inform later on who gives feedback to who), DL 4.2.2020

You will also get feedback from Maire and Jukka.

FEEDBACK

<https://presemo.aalto.fi/2019dds1>



A!

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Thank you!