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# MOOC Training Session 1

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PhD Student



# Personal facts

## Antti Lähtevänoja

- PhD Student, University of Helsinki
- Master of Education (Special Education), University of Jyväskylä
- 10 publications, mainly related to virtual learning environments
- Current research focus related to customer learning and learning environments
- Startup entrepreneur (fintech)





# Disclaimer

**This training is meant to give you practical guidance on how to build online courses.**

Please refer to Jani's theoretical materials about constructive alignment etc. when building courses.

**If there is something you don't understand or you think that we are going too fast, please tell me!**

We are keeping breaks in between (breakout rooms) , please ask your questions then.

**All feedback is welcome!**



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## Outline for today's session

- 1) Objectives, contents and schedule
- 2) Definitions of key concepts: MOOC, LMS...
- 3) *Breakout room for discussion***
- 4) Course design introduction
- 5) *Breakout room for discussion***
- 6) Moodle system introduction



# Schedule

## FRAME project

- 1) Pedagogical principles (Jani)
- 2) MOOC training (Antti)**
- 3) Virtual Reality training (Jani & Antti)

## MOOC training

- **14<sup>th</sup> September (today) – Introduction, key concepts and basics of online course systems: course design and Moodle introduction**
- 23<sup>rd</sup> September – Moodle introduction, assignment types, course design
- 28<sup>th</sup> September – Moodle introduction, assignment types, course design



# Overall objectives

At the end of trainings (all three), a trainee will be able to:

1. Remember and understand the pedagogical principles
- 2. Apply the pedagogical principles in the development of MOOCs and Virtual Reality courses**
- 3. Create courses based on the pedagogical models and principles**

# Definitions used on this training

## **MOOC-course**

MOOCs are free online courses available for everyone to enroll.

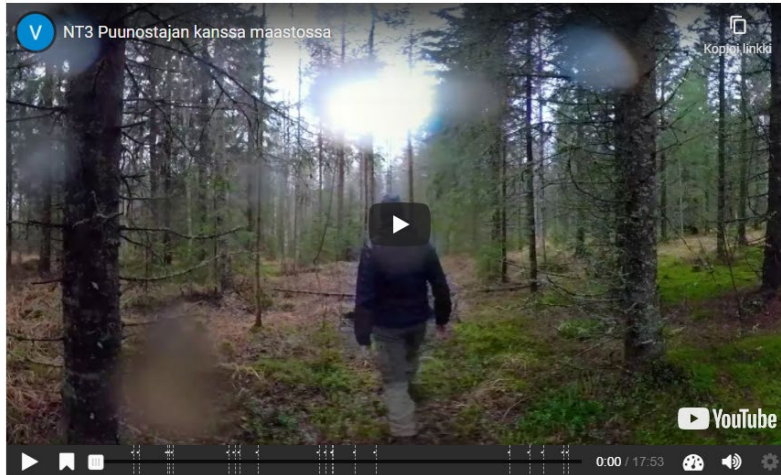
## **Online course**

Online course is an online-held course, but restricted to certain set of students (e.g., students from one university)

## **Learning management software (LMS)**

- LMS is a software application for making education courses. It delivers and manages educational content: videos, courses, documents, assignments. It has administration features, discussion boards and content upload systems.
- Examples: Moodle, Itslearning, Google Classroom
- Google Meet, Zoom or MS teams are not LMS systems





Valitse seuraavista **oikea** väittämä (yksi tai useampi).

- Neuvottelujen lopputulos voi heijastaa eri osapuolten käsityksiä ja kokemuksia neuvottelujen hyödyllisyydestä.
- Symmetria ja epäsymmetria synnyttää relationaalista valtaa ja voimaa neuvotteluosapuolten välille.
- Asiantuntijuus tuottaa symmetriä neuvottelu-suhteeseen.
- Erimielisyyden aiheita ei kannata miettiä etukäteen ennen neuvottelua.

Tarkista


Valitse seuraavista **oikea** väittämä (yksi tai useampi).

- Väistävä myyntityyissä myyjä yrittää välttää asiakkaan kysymykset.
- Väistävässä myyntityyissä myyjä ei kuuntele asiakasta.
- Arvolupauksella tarkoitetaan yrityksen asiakkaalle antamaa lupaus arvosta, jonka tuota tai palvelu tuottaa asiakkaalle kun se on sen hankkinut.
- Arvolupauksella tarkoitetaan myyntitilanteessa tuotteen tai palvelun arvioitua hintaa asiakkaalle.

Tarkista

Reuse Embed


Myyntiin verkkokurssi Ota yhteyttä Antti Lähtevänoja



## Tervetuloa myynnin verkkokurssille!

Suomen ensimmäinen ja paras myynnin erinomaisuuteen ja psykologiaan perustuva verkkokurssi. Kurssi parantaa myyntivalmiutta ja päivittää myyntiosaamisen tähän päivään. Kurssin päätavoitteina ovat myyntityössä innostuminen ja omien tehokkaiden myyntitapojen löytäminen. Soveltuu tutkitusti kaikenlaisille myyntiosaamistaan kehittäville ammattilaisille ja oppilaitoksille.

Ota yhteyttä

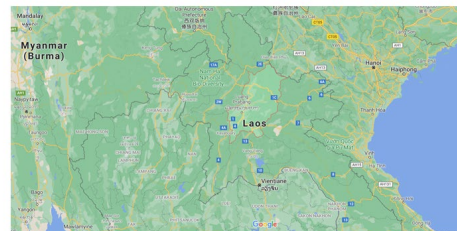


## 1.Site description



### Nambak District (field-course study area)

The study was conducted in Nambak district, Luang Prabang province. The district covers an area of 1936 km<sup>2</sup> and is located approximately 100 kilometers to the northeast of the provincial capital city of Luang Prabang. The paved provincial road goes all the way to the Nambak district centre. Most of the villages are established in the river valleys since the district is characterized by hilly upland and karst mountains. The landscape in the villages is characterized by paddy fields, shifting and fallow land on hill slopes, teak woodlots and large- and small-scale rubber plantations. Most of the houses in the villages were made from cement, wood or bamboo. The infrastructure is relatively poor in many villages, however, there has been a lot of improvements concerning the road-, water-, and electricity access in the past 10 years.

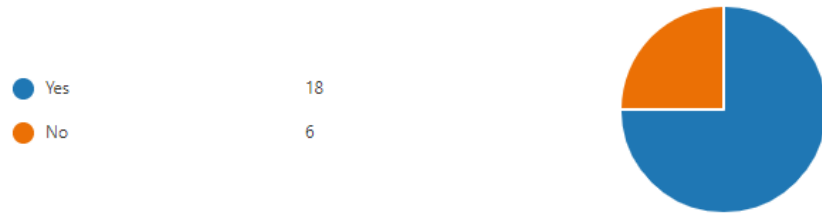




# Results from the survey

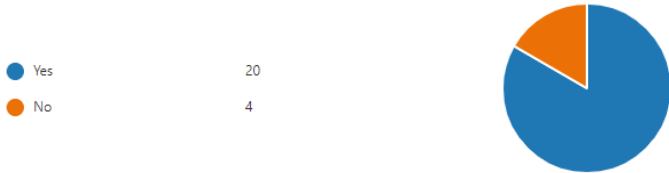
4. Have you ever participated in online courses either as a teacher or as a student, for example MOOCs?

[Lisätietoja](#)



5. Have you used any online course platforms other than video call systems on your courses as a teacher? For example Moodle?

[Lisätietoja](#)



MS Teams
MS team
no
Microsoft team
Google Meet
Zoom and Dingtalk
Google meet and Zoom
MS teams
Microsoft Teams
google meet, Zoom
Zoom meeting, Microsoft teams
Zoom
Zoom

Learning how to create creative online course materials.
course development and assessment
I've an expectation to learn how to apply the Moodle as MOOCs preparation for my given courses.
I would like to know how to make the assessments.
hop to learn how to set up MOOCs and Moodle
Learning more how to creat activites for online course and how to make assessment
I want to learn more about how to make assessments for online
Zoom
Method to improve online course.
I would like to create my own online course
How to organize lively online course
How to structure a course, to create good interaction among teachers and students, and to create assignment to encourage students' leaning.
Learn more how to design the content to making online courses and developing online media.
Hope to learn the new techniques and methods to be used in teaching and related work.
How to follow the progress of student? How to check if the student watch the video clips?
Learning new technique for online courses
I hope to learn more how to make examination and other assignment

# Breakout room

## Discuss:

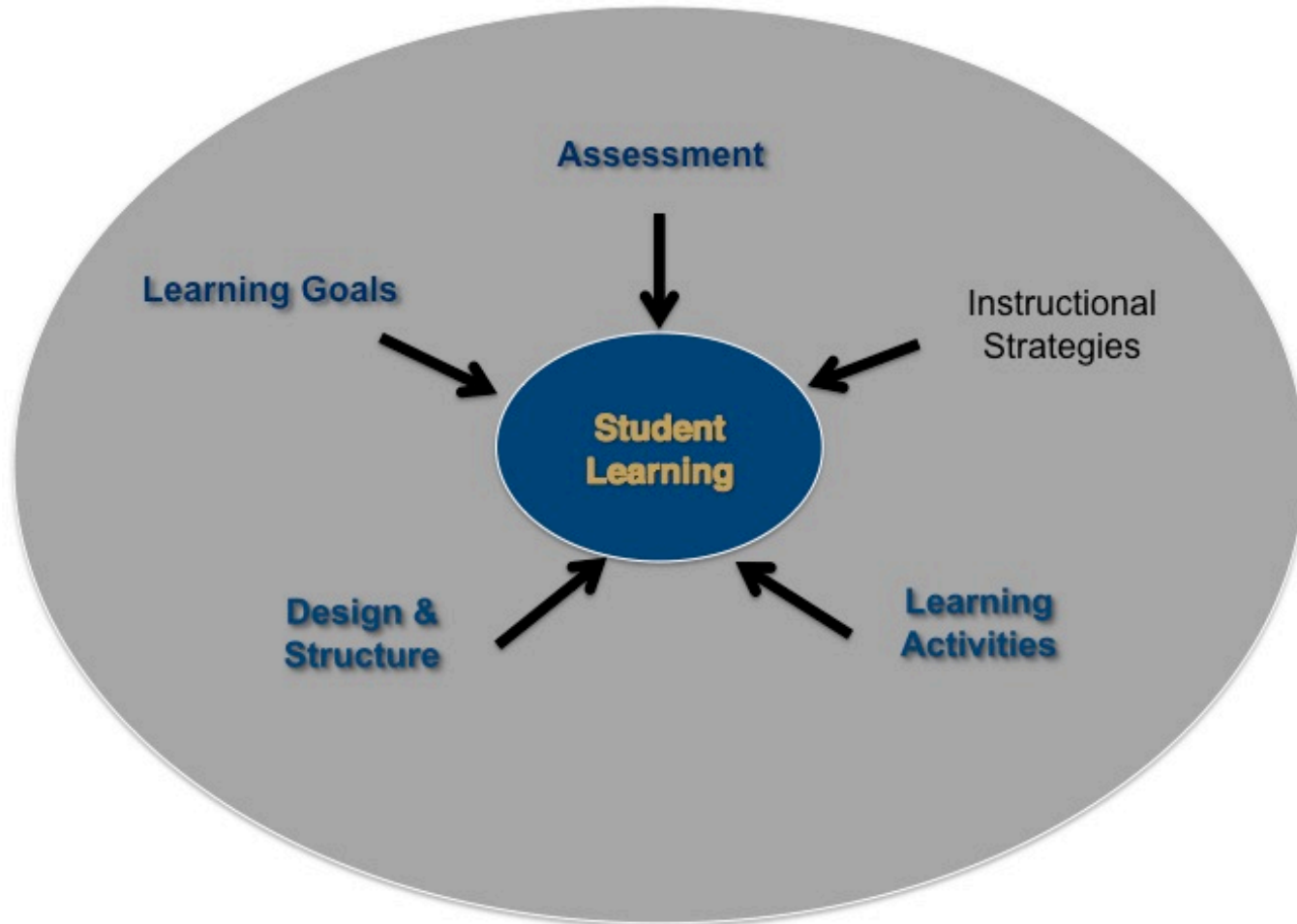
1. What has been the best MOOC/online courses you have taken? Why?

2. What kind of challenges you have had in your previous online courses?

Use the same breakoutroom than on the previous session OR join to the breakout room where your colleagues are.



# Student-centered course design



# Course design

## 1. Learning Objectives

- *Define the course objectives: Student is able to... after the course? Use Jani's evaluation matrix here*

## 2. Topics

- *Define the structure of the course, including topics and their order. Topic for week 1, topic for week 2...*

## 3. Learning Activities + Instructional Strategies and Materials

- *Define what kind of assignments, instructional strategies and materials the course has. For example, case studies, multi-choice questionnaires, video lectures, essays...*

## 4. Assessment

- *Define what kind of assessment you are using during the course: formative, summative...use Jani's evaluation matrix here*

## 5. Alignment

- *Make sure that the learning objectives, topics, activities and assessment are aligned*



# Alignment (template can be found in [Google Drive](#))

## Course Design Template

Course Name:

Course Date:

Teacher:

Learning Objectives	Topics	Learning Activities	Assessment
After the course, students are able to...	Topic 1 (week 1)	Video lecture, essay	Essay: 1-5

# Breakout room

## Discuss:

1. What is the hardest part of designing online courses?
2. What kind of assessment types have you used?

Use the same breakoutroom than on the previous session OR join to the breakout room where your colleagues are.



# Introduction to the example MOOC

<https://moodle.helsinki.fi/course/view.php?id=47530>

Password: frame2021

# Homework

**Familiarize yourself with the example online course provided:**

<https://moodle.helsinki.fi/course/view.php?id=47530>

Browse the course freely and try the different assignment types and reflect this lesson's topics to the contents, for example: how are the objectives and assignments linked?

**Answer these questions:**

- 1) How would you improve the course?
- 2) What kind of challenges may arise from the course? E.g., technical problems, students does not understand the instructions etc.

**Ask if you could get an access to your university's Moodle or another LMS (Google Classroom etc.) + test course template where you could train!**