Using MOOCs
to
Open Up Education

at

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Agenda

- Why opening up education?
  - Four objectives
- How to open up education?
  - MOOC
  - Designing for participation
- Preliminary results
  - Mostly statistics

Why opening up education?

The first objective:

To create an opportunity for future students to experience how it is to be a master student at Aarhus University. To help them make the right educational choice. To avoid student drop-outs.

Why opening up education?

The second objective:

To create an opportunity for the current master students to establish ties to other participants that are interested in this field of research. Teachers, in primary school, the gymnasium or similar. Consultants in the municipalities or in private sector. Educators and researchers from other educational institutions.

Why opening up education?

The third objective:

To facilitate research related communication. Universities in Denmark are obligated to communicate about their research results to the general public.

Why opening up education?

The fourth objective:

To create an educational opportunity for people with no or limited access to the educational system. The idea of equal access to education for all.

How to open up education?

The content:

A 10 ECTS point subject Digital Learning contexts.

Master course in ICT-Based Educational Design.

How to open up education?

The tool:

Massive Open Online Course.

MOOC: Open online course aimed at unlimited participation and open access on the web

cMOOC	xMOOC
- Social learning approach - Network or collaboration - Production of content - Dialogue and discourse	- Cognitive learning approach "Singleplayer" - Consumption of content - Test

How to open up education?

The organization:

Put a (M)OOC on top of a traditional university subject:
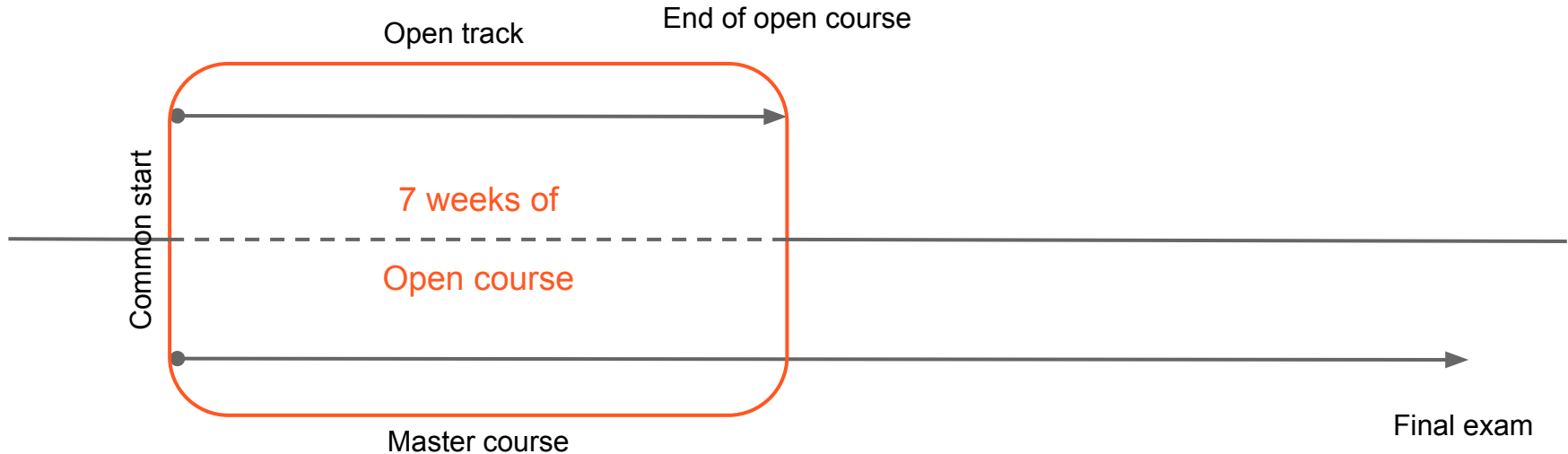
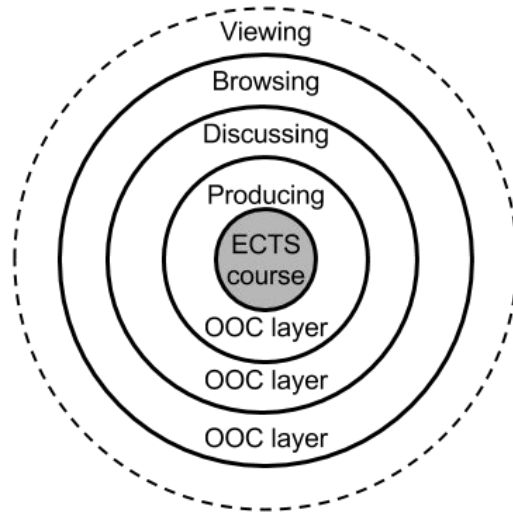# How to open up education?

The design I:

Four types of learner participation

- completing
- auditing
- disengaging
- sampling

(Kizilcec, Piech & Schneider 2013)

How to open up education?

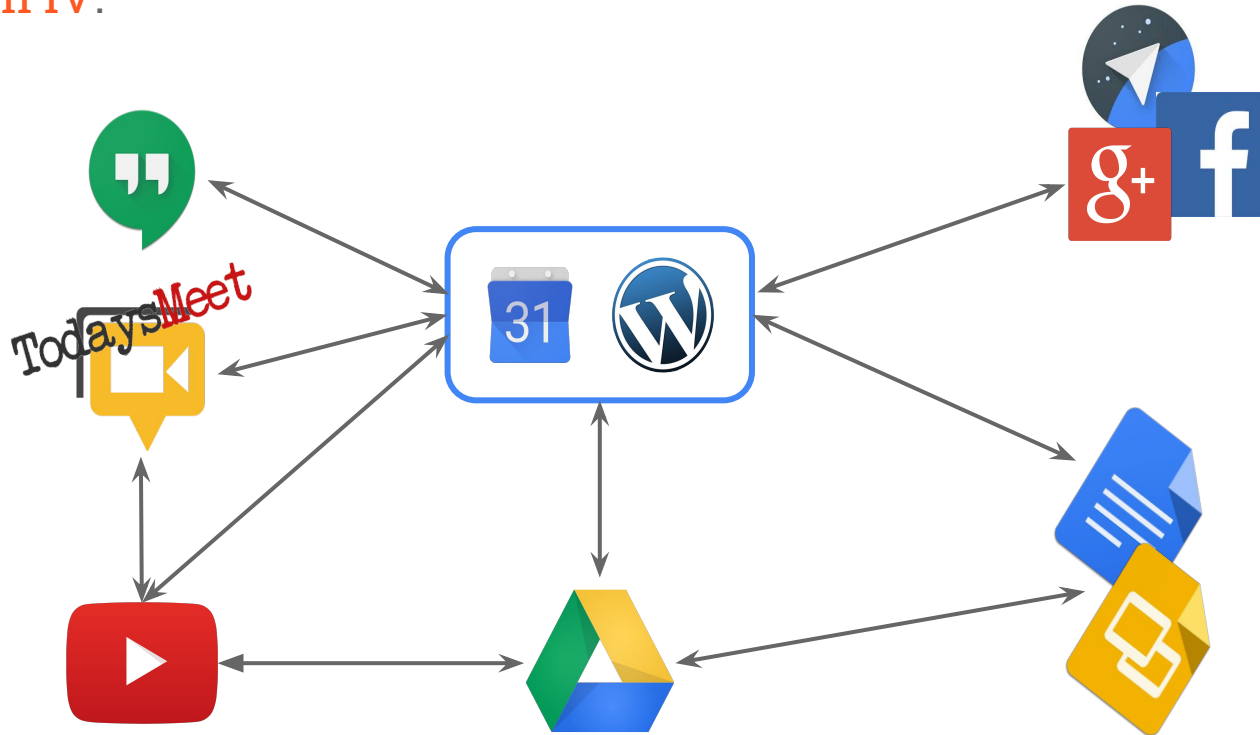The design II:

How to open up education?

The design III:

A media ecology instead of a system.

A dynamic and ever changing collection of different media (Web 2.0) partly defined by the designer, partly defined by the educator, and partly designed by the users (students).

How to open up education?

The design IV:

How to open up education?

The design V:

https://open-tdm.au.dk/dl/

Preliminary results

Statistics:

      26 enrolled students / 165 participants have signed up

      43 blogposts / 293 comments

      638 users / 2700 sessions / 15000 pageviews

Observations:

      Discourse and building of connections between enrolled students and "outside" participants.

Thank you for your time