

Training of Trainers in the EU Partner Institutions: Experience & Findings

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Active Learning in the Flipped Classroom

- December 3-7, 2018 at Didacticum, Linköping University with 18 participants from 9 PC partners
- Course information and material:
<https://www.liu.se/didacticum/printel?l=en>
- Presentation overview:
 - *What was the plan?*
 - *What did we do?*
 - *What was the result?*

What was the plan?

Learning Outcomes

- Discuss how active learning and the use of digital tools can support students' learning
- Use digital tools to support active learning during a teaching and learning activity and to prepare course material
- Design teaching and learning activities that takes advantage of digital tools
- Design the outline of a course where digital course material and digital tools for interaction support active learning

Rationale



Modular and adaptable to local context



Practical methods and tools



Open resources



Reflection



Friendly atmosphere

What did we do?

Day 1

- Course introduction
- Pedagogical development in general (*discussion around topics from the TET-SAT survey*)
- Active learning (*introduction and workshop*)



Day 2

- Active Learning Classroom (ALC)
- Study visits (*e.g. to the university library*)
- Guest lectures
(*Using ALC, Recording using Lightboard, Open Networked Learning*)



Day 3

- Introduction to the Flipped Classroom concept
- Exercises in recording sound to PowerPoint presentations (*for use as preparatory material*)
- Presentation of results



Day 4

- Introduction to final project on course (re)design
- ABC Learning Design workshop
- Further development of course design (*DEF lab*)



Day 5

- Presentation of final project on course (re)design
- Most of the final projects actually concerned the TT course that the participants were going to teach.
- Future work:
How can we use what we have learned?
How can we implement this at home?



What was the result?

Course Evaluation Summary

- Objectives, content and quality of instruction (4.7)
- Time management (4.3)
 - *Some sessions were too short and some were too long*
 - *Not enough time for feedback to participants*
 - *Not enough meetings with colleagues in your own subject*
- Benefits (4.3)
 - *Some participants were already acquainted with some of the material*

Quotes from participants

- *I will recommend this course to everyone. High professionalism of instructors, excellent company and very interesting and useful material.*
- *The creative atmosphere in the classroom inspire further improvement of your professional skills in education.*
- *Before the training, I used separate methods of active learning, but this was from time to time and unsystematic. The course helped me to understand how to apply active methods systematically.*

TT Courses

- We were very excited to see the participants work in their home institutions.
- They have adapted the original course to benefit the local context.
- They have used other tools that are more relevant.



Conclusions

- ToT course participants were overall very satisfied with the course.
- ToT course is modular enough to be able to adapt to different contexts.
- Time management and feedback to participants is important.
- TT courses could be partly transformed to a flipped classroom format.

Thank you to all participants!

