

A better link between course teaching and projects Strengthening of theoretical disciplines and... More interaction with companies and institutions Increased interdisciplinarity across faculties Greater integration of practice-based elements More group-based project work Incorporation of new IT-based teaching methods Greater integration of digital group work An increase in individual study work

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Not at all important Slightly important Somewhat important Very important Extremely important

https://vbn.aau.dk/da/publications/online-groupformation-guidelines-2 5 Three very different semesters FOUR ARCHETYPES OF GROUP FORMA-**TION IN GENERAL** Spring 2020: chock – no systems in place but the students started out physical Autumn 2020: experiences – systems in place and the students started out physical Spring 2021: experienced and skilled – the students started out with digital formation of the project teams 5



Digital lecturing during a pandemic period

- Digital emergency education ≠ digital learning
- The primary challenges are less involvement, poorer opportunities for interaction, and lack of feedback
- The teaching has been teacher-centered and characterized by handover, and several of the activities of the study activity model have not been carried out during the period
- There are also positive experiences, for example with a flipped classroom, but the development of active learning digitally requires resources (time and skills) and teachers have experienced being very alone.

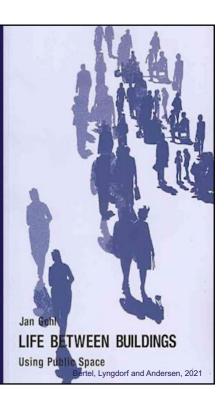




PBL-model – agil?

- PBL is a highly adaptive model in terms of collaboration, content and methods.
- Digital learning spaces have complemented the physical ones, but attention to the value of the physical space,
- Project supervision has become more flexible and efficient, but constant availability also means more inquiries about big and small
- Experienced students have been able to quickly adapt to a new world and have been independent, creative and solution-oriented,
- It has been a challenge to introduce the Aalborg model and support PBL digitally in the first year of study.





Well-being and learning

- Well-being has been hard hit throughout the period.
- For teachers, increased working hours and insecurity were a challenge in 2020.
- Clearer announcements about teaching in 2021 have been received positively, but well-being is still challenged.
- The students' well-being and motivation suffer from a lack of structure in everyday life and social interaction. Several initiatives have been launched (digital social events, groups of friends, etc.) and it is received positively.
- The project group has an important social function, and the students have prioritized the group in their social bubble at the expense of, for example, family.
- Conflict solving in groups is far more difficult.
- The sense of community, the connection to the study and the identity as a student are challenged.
- There is a concern among both teachers and students about dropouts.



Perspektives

- Expectations about the future:
 - The PBL model can be hybrid, but it is also the most difficult format - and requires resources
 - Flexibility vs. Identity the study as secondary?
 - The importance of the physical space in digitally supported learning and PBL
 - Desire for more targeted sparring and support: Problem-based competence development



UNDERVISERE PÅ AAU: POSITIVT STEMT OVER FOR ONLINE UNDERVISNING

Bertel, Lyngdorf and Andersen, 2021

9

