

Teaching Portfolio Marianne Wesnaes 2019

Pedagogical view: Educational practice

I believe that project-based learning activates and motivates the students. The cases for the student projects should be as realistic as possible. When possible, the students are encouraged to select their own cases, as I believe that this is important for their motivation. I help with the selection of cases in order to ensure an appropriate level that contains the required challenges.

I try to coordinate the timing of the theory with the student projects; I prefer, that the students meet the problems during their project work before I give them the solutions (however, this is not always possible). During the students' project work, I use a lot of time on helping the students with their questions, guiding them towards the right direction. I use a relative large amount of time on meetings with the groups during their project work.

One of the most important principles for my teaching is that it is OK to ask questions. It is also OK to ask the same question twice or more; if they do not understand, it is because I have not been good enough at explaining. I try to repeat this in the beginning of each lecture in the beginning of my courses, and I normally feel, that the students open up and asks questions and participate in dialogues during the lectures.

It is important for me to focus examples in my teaching, and try to be very specific, when explaining difficult issues.

Teaching experience

I have been teaching at the following courses since I started at SDU in 2008:

- Life Cycle Assessment (LCA) (MSc in Environmental Engineering)
- LCA of Biosystems and Bio-resources (MSc in Environmental Engineering)
- Eco-efficient Engineering (MSc in Environmental Engineering and BEng in Integrated Design)
- Basics in Life Cycle Assessment (MSc in Engineering - Product Development and Innovation)

I have participated in the planning of several of the above courses from scratch.

Formal pedagogical training

2009 Teaching and Learning, DTU, module 1. A basic course in teaching and learning at university level.

<http://www.learninglab.dtu.dk/english/Courses-og-Workshops/Teachers/University-Teaching-UDTU/modul1-Teaching-and-Learning>

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