

## Teaching Portfolio

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## Pedagogical view

My perceive my teaching/pedagogical development as a "Three of Wisdom", where the roots consists of my educational CV which gradually develops and strengthen my pedagogical standpoint. The Three itself consists of my pedagogical and teaching education and pedagogical viewpoint, which enables me to teach. The Three branches and leaves are my teaching experience and especially reflection, which shapes in which directions my teaching profile will develops.

My pedagogical viewpoint builds on the didactic triangle, combining the role of the teacher, the student and the content. I see my role as the intermediary, providing a learning platform for the students. This build on three main approaches towards my teaching and pedagogical approach:

"Deliberate Incompetence"; I know I don't know everything and are very open about it. I will also learn throughout the classes. Students are not expected to know everything but needs to ask relevant questions and challenge themes and theories.

"Activity based Learning", I deeply believe that learning will be achieved through activities, why lecturing will be minimized, and learning should be through interaction, activity, dialog, cases, projects and most important reflections.

"Experimental Based Learning", I believe that students will learn through failing, why experimenting is important. The aim is to build a mental mindset based on a structured approach that will support deep learning.

The pedagogical approach described above requires self-motivated and prepared students. The classes are often designed so preparation are needed in order to participate. I strive to challenge the students at the level they are (individual), and I think teaching has been successful if students are able to think and have the courage to fail. A very reminder is "Don't underestimate the capabilities of the students".

## Teaching experience

My teaching experience span from diploma engineering level to master level and have extensive experience in collaborating with industry through both projects and teaching cases. I have in many cases used games to support teaching and pedagogical purposes, both standard games and self-developed.

### Teaching CV

2014-2017 Operations Management, 3. Semester, P (5 ECTS) (FULL)

2015-2017 LEAN training course, P (5 ECTS) (PARTLY)

2015-2017 Self-study course, 5. Semester P/GMM (5 ECTS) (FULL)

2016-2017 Operations Management, 4. Semester, P (5 ECTS) (FULL)

2016-2019 Operations Management Methods, 1. Semester OM (5 ECTS) (FULL)

2017-2020 From Innovation to Operations, 3. Semester OM (5 ECTS) (PARTLY)

2018-2019 Industrial Adaptable Automation, 2. Semester OM (5 ECTS) (FULL)

### Supervision

2014-2015 Supervisor Expert in Teams, Cross faculty, (10 ECTS)

2015-2017 Supervision of industrial Internship, P

2015-2017 Supervisor Semester project, 4. Semester P (10 ECTS)

2014-2017 Supervisor final project, 7. Semester P (30 ECTS)

2017-2019 Supervisor Semester project, 2. Semester OM (10 ECTS)

2017-2019 Supervisor Master Thesis, 4. Semester OM (10 ECTS)

### **Formal pedagogical training**

2012-2014 Assistant professor training course - PG-23, Engineering Educational Pedagogical Network, SDU

2012 ALE2012, Active Learning in Engineering, Copenhagen, DK

2013 LEAN KATA workshop, San Antonio USA

2013 DUN Pedagogical Conference, Middelfart, DK

2013 Belbin certification, profiling and groups for teaching and project work

### **Other related teaching or development activities**

2014 Development of Education "Diplomingeniør Produktion"

2015 Development of Education Master in Operations Management

2015-2016 Responsible for Operations Factory LAB, learning environment

2015-2016 Bridging activities to technical high schools

2017 Development of technology specialization Master in Operations Management