

Teaching portfolio

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Pedagogical view

My teaching environment is built on mutual respect and responsibility. I emphasize that the student is responsible for own learning and I see myself as a facilitator for this purpose.

The intension is to strengthen the dialogue and to discover different possibilities of learning methods to offer optimal learning possibilities for the single student. This is based on the facts that we all have different ways of learning.

My teaching is supporting the principle of active learning, which means that the learning is a self-activating process. This is obtained by integrating digital tools in the lectures, e.g. Pool Everywhere, videos to give examples of the use of theory, group work and blended learning.

The theoretical approach is often supported by experimental work, because I see this learning method as an essential tool to obtain a deeper understanding of the theory.

The teaching is in different ways based on research from own projects and from scientific papers.

Teaching experience

2017	Experimental Fluid Dynamics. International summer school
2016 -	Profilerende projekt. Kandidat
2014 - 2015	Projekt i bygningsdesign og maskindesign. Kandidat
2011 -	Kandidatspecialer
2014 -	Computational Fluid Dynamics (CFD). Kandidat
2011 -	Grundlæggende Fluidmekanik. Bachelor og Kandidat
2012 -	Afgangsprojekter Maskiningeniør
2010 - 2012	Projekter i konstruktionsteknik. Maskinteknik. Bachelor
2012	Adgangskursus Fysik
2010 - 2011	Adgangskursus matematik

Formal pedagogical training

2019	Laboratorieøvelser - pædagogisk kursus for undervisere i laboratorier
2018	Stemmen I personlig udvikling
2018	Effective feedback to enhance students learning
2017	Engelsk undervisning
2014	C1 certificeret i "Teaching in English at SDU
2014	Teaching for Active Learning

Other activities related to teaching and teaching development

2018	Censorkorpset for ingeniøruddannelserne og de tekniske diplomuddannelser
2013 -	Uddannelsesudvalg for konstruktionsteknik, ITI, SDU