

Teaching Portfolio

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Educational Training

2015 Completed course 'Teaching in English at SDU'
2007 Completed educational training programme (pædagogikum) at SDU
2001 Course in experimental teaching (chemistry) at SDU
2001 Course in experimental teaching (physics) at KU

Experience with teaching, supervision and examination

2007- Experimental physics courses from bachelor to master level
2007- Supervision of project students from 1st year to PhD level
2007-2016 Coordinator and teacher on Nanobioscience education
2012-2018 Course on physics for pharmacists and biologists
2007- Member of DK national censor team in physics
2007- Member of DK national censor team in engineering (CensorNet)
2007- Supervision of group projects from 1st year to master level.

Methods, materials and tools

2007- Lectures for small and large groups.
2009- Laboratory teaching. Development of laboratory manuals.
2007- Problem solving classes.
2007- Supervision of experimental physics projects.
2009- Teaching programming (MATLAB).

Educational development and educational research

2009- Development of physics laboratory experiments incl manuals and software.
2009- Development of physics experiments for visiting high schools.

Administrative tasks related to education

2006-2015 Development of the Nanobioscience education at SDU.
2011- Restructuring of the physics education and joint 1st science year.