

Teaching portfolio

1. Teaching CV: A list of any lecturing and supervision tasks, including specification of academic fields, scope, level (bachelor, master, continuing education, PhD) as well as any external examiner tasks.

2016 SEP-DEC

-Applied Statistics for 3rd semester "Chemical Engineering and Biotechnology" students and

7th semester "Energy" students. Teaching at Aalborg University in Esbjerg. Course workload:

160 hours. Course consists of 11 lectures (90 minutes lecture + 105 minute exercise session) +

5 mini-projects (4 hours). Number of students: 60.

Course consists of the following topics: Descriptive statistics, Probability, Estimation, Hypothesis testing, Comparison of two groups, Linear regression and correlation, Multiple linear regression, Analysis of covariance, Analysis of variance, Quality control.

2016 FEB-JUNE

-Calculus: Course workload: 220 hour, 19 lectures (90 minutes

lecture + 105 minute exercise session) + 4 mini-projects (3 hours). Number of students: 54.

Course consisted of the following topics: Trigonometric functions and their inverses, Complex numbers, The complex exponential, Differential equations, The Laplace transform and its inverse, Infinite sequences and series, The Taylor formula with remainder, Convergence criteria for infinite series, Curves in space, Polar coordinates, Arc length and curvature of plane curves, Functions of several variables, Partial derivatives, Chain rule, Directional derivative and the gradient vector.

2. Study administration: A list of any study administration tasks, e.g. study board membership, head of studies or semester or course coordinator, accreditation, etc.

In progress.

3. University pedagogy qualifications: A list of any completed courses in university pedagogy, PBL courses, workshops, academic development projects, collegial guidance and supervision, etc.

Basic PBL course.

4. Other qualifications: Conference attendance, editorials, presentations, etc. relating to education, 'University Teaching Day', etc.

Many Mantis meetings + ... + ... to be updated.

5. Teaching activity development and teaching materials: A list of any contributions to the development of new modules, teaching materials, study programmes, e-learning, collaboration with external business partners, etc.

In progress.

6. Teaching awards you may have received or been nominated for.

In progress.

7. Personal reflections and initiatives: Here you may state any personal deliberations as regards teaching and supervision, any wishes and plans for further pedagogic development, plans for following up on feedback/evaluations from students, etc.

In progress.

8. Any other information or comments.

Work hard and prosper.