

## 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.**

Have been the supervisor for more than 100 students projects. Mostly at graduate level. Have supervised 9 PhD projects and 6 on-going.

Teaching experince:

Robotics: Graduate course at DTU

Videregående Styreteknik: Graduate course at DTU

Hydraulisk Styring: Graduate course at DTU

Almen Regulering: Course at Sønderborg Teknikum (Now SDU)

Samhørende og partielle differentilligninger: Undergraduate course for Mechanical engineering students.

Mechatronics I: Fifth semester undergraduate course for MCE (Mechatronics) students.

Hydraulic Systemdesign: Undergraduate course for DMS and EMSD students

Hydraulic Servosystems: Graduate course for EMSD, MCE students

Linear electric circuits: Third semester students (Mechanical engineering)

Nonlinear control theory: Graduate course for EMSD, MCE students

System Identification: Graduate course for EMSD, MCE students

Multivariable and nonlinear control theory: Graduate Course for EMSD, MCE students

Hydraulic Servos Systems: PhD course

Grundlæggende Hydraulik: 3 dages Industrikursus for Danfoss

### **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.**

Member of the study board of Industry and Global Business Development  
Coordinator of for the Electro-mechanical System Design (EMSD) programme  
Semester coordinator for the 6,7,8,9,10 semesters for the EMSD programm

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

Type your answer here...

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

Author of several papers on Mechatronic education at Aalborg University and experiences with the mechatronic specializations; EMSD and MCE Supervision (research area specific supervisor) of two Assistant Professors participating in the "University Teacher Programme".

**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.**

One of the initiators of the contents (Study curriculum) of the EMSD and MCE programme.

Teaching material includes (excl. lecture notes)

Books on:

Linear Electrical Circuits incl. solution manual to exercises

Hydraulic Systems Design incl. solution manual to exercises

Hydraulic Servo systems

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

Type your answer here...

**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.**

**8. Any other information or comments.**