

Teaching portfolio

1. Teaching CV: A list of teaching and supervision tasks, including specification of academic fields, scope, level (bachelor, master, continuing education, PhD). Please state the teaching method used (e.g. lecture, class teaching, exercises, supervision, examination, coexamination, distance teaching, internet-based teaching and evaluation of teaching). Please also indicate the language of instruction.

Teaching Portfolio

Teaching CV: Please state the teaching method used (e.g. lecture, class teaching, exercises, supervision, examination, coexamination, distance teaching, internet-based teaching and evaluation of teaching).

My teaching activities are based on the Problem Based Learning model at Aalborg University within the fields of biomedical engineering and medicine.

Undergraduate teaching in Biomedical Engineering is based on project supervision for semesters 3, 4, 7, 9, and 10, covering aspects of analog and digital system design, biological signals data acquisition and processing and human-machine interfacing for research and rehabilitation. Teaching in Clinical Science and Technology is based on project supervision for semesters 2 and 4 (master level) with focus on design principles of medical technology with applications in rehabilitation. Teaching in Medicine and Medicine with Industrial Specialization is based on courses in sensory systems of the human body, courses in CE marking regulatory on semester 3 and 5. Project supervision for semester 3 focuses on investigation of structures and mechanisms of neural and muscular systems. Teaching in Electrical Engineering is based on project supervision for semesters 2, 3, 4, and 8 with applications of robotics in rehabilitation medicine

Postgraduate teaching includes Ph.D. Course Neuromodulation (@ Biomedical Engineering) and Ph.D. general course Advanced Time-Frequency representation course (@ Engineering). The topics include structure and mechanisms for neuromodulation as well as advanced signal processing of biological signals tailored to the students' needs. Supervision for University Pedagogy Programme (Adjunktpædagogikum - @ AAU Learning Lab) addresses to postdocs improving pedagogical competences for undertaking class teaching, supervision, the planning of teaching, and examinations on the university's study programmes. Co-supervisor for two Ph.D. students in Biomedical Engineering. Assisting examinations (censor) adds to teaching experience at the semesters and disciplines mentioned above. Language of instruction is both Danish and English

2. Study/programme administration and management: Experience in programme management and coordination. A list of study administration tasks, e.g. study board membership, chair of study board, semester or course coordinator, accreditation tasks, etc. Experience in planning teaching activities. Experience in programme development. Participating in committees and commissions etc. on education issues.

Type your answer here...

3. Formal pedagogical training: A list of completed courses in university pedagogy, PBL courses, workshops, academic development projects, collegial guidance and supervision, etc. Written assessment from the course in university pedagogy for assistant professors. Participation in conferences on pedagogy and didactics. Please enclose any documentation of the above, such as course certificates, references, etc

2014-2015: University pedagogics for assistant lecturers, AAU Learning Lab, Aalborg University

2015: English certification course, AAU Learning Lab, Aalborg University

2012: Problem based learning Workshop, AAU Learning Lab, Aalborg University

2011: PhD Course Supervision and Professional Communication, AAU Learning Lab, Aalborg University

4. Other qualifications: Conference contributions and attendance, contributions to debates, scientific articles on pedagogical issues etc. Peer supervision, editorials, mentoring experience or other types of competence development activities.

Postdocs supervision within the University Pedagogy Programme at AAU, Learning Lab

Ph.D. Students co-supervision at Doctoral School, Biomedical Engineering, AAU

5. Pedagogical development and research: Development of new courses, teaching materials, teaching methods, examination types or other types of pedagogical development. Didactic and pedagogical research. Cooperation with external collaboration partners.

Type your answer here...

6. References on your teaching skills from superiors or colleagues. Teaching evaluations and any teaching awards received.

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 pedagogical development, plans for following up on student feedback/evaluations, etc. Personal reflections on your own pedagogical practice, including objectives, methods and implementation. This should include an analysis and a reasoned description of your pedagogical activities in relation to your pedagogical understanding and student learning. Thoughts on the teaching method at Aalborg University (which is largely based on group-organised project work and problem-based learning)

Type your answer here...

8. Any other information or comments.

Type your answer here...