

## 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.

Course activities since 2012.

Courses Activities: Course Name; Year; Level / Line / No. Stud. / Language; My involvement

Stochastic Processes; 2011- 2015;

MSc / Electronics and data engineering/ 50-70 / English;

Course description, developing new course form, planning, writing lecture material, helping with exercises, lecturing, evaluation

Digital Modulation and Signal Transmission; 2004 - 2015;

BSc / Communication Systems / 5 – 25 / English;

Planning, lecturing, developing new course forms, conducting study circles, helping with exercises

Estimation Theory for Signal Processing; 2012;

PhD / Wireless Communications / 10 / English;

Proposing, developing new PhD course form, planning, developing lecture material, teaching and evaluation.

A series on guest lectures on radio channel characterization; 2012;

PhD students and Faculty / University of Rennes 1, France/ 10-30 / English

Course description, planning, writing material, lecturing.

Stochastic Processes 1; 2012

BSc / Electronics and data engineering / 50 / English Planning, lecturing writing lecture material, helping with exercises, exam

Study Circle on Selected Topics in Wireless Communications 2012

PhD and ELITE MSc / Wireless communications / 10 / English

Inventing the form and structure, Planning, writing course material, leading the study circles

Scientific Method; 2009-2012

BSc/ Electronics, Power, Medialogy, Design Psychology / 100-160 / English;

Planning, lecturing, helping with exercises, oral and written exam

Supervision activities since 2009

Co-supervised 5 PhD projects (Topics within radio channel characterization and localization)

Supervised 3 MSc projects (Topics within signal processing and communications)

Supervised 1 project group at 7th semester level (Topic: Localization)

Supervised 1 BSc project (Electronics)

### 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.

Type your answer here...

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

•University Pedagogy for Assistant Professors, 2011-2013.

•PhD main supervisor course, 2010.

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

Teaching Related Workshops/Talks:

- "Towards a new format for PhD Courses", AAU University Teaching Day, AAU 2013.
- "Activating teaching/learning activities in large group teaching: Case study - A course in stochastic processes", University Teaching Day, AAU 2013.

**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.**

Since 2009, I have participated actively in development of courses, new teaching methods and teaching materials. For the list of courses, see the above teaching CV.

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

Related to Teaching Teacher of the Year 2011 at Dept. of Electronic Systems, Aalborg University.

**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.**

Type your answer here...

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

Type your answer here...