

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.

2014-today:

Group supervision; 4 to 10 groups per semester, in particular on the Robotics Bachelor and Master's and the Control and Automation Master's educations.

Since 2020, supervision on the Electronic System Design 1st and 2nd semesters as well (typically 1-2 groups per semester).

Member of the Danish university censor corps since 2018.

Courses ((*) indicates course responsible):

Circuit Theory for Electronic System Design 2nd semester (2022) (*)

Data Acquisition for Mathematics/Technology 2nd semester (2014-2024) (*)

Actuators, Drivers and Electronic Modules for Robotics 3rd semester (2019-2024) (*)

Object-oriented Analysis, Design and Programming for Computer Eng. 5th semester (2014-2019) (*)

Robustness and Optimality for Control and Automation 8th semester (2019-2020)

Scientific Communication, Electronic Systems 7th semester (2014-2024) (*)

Nonlinear Control for Control and Automation 9th semester (2023) (*)

Writing and Reviewing Scientific Papers, PhD (2015-2024)

Compliant Robot Manipulators, PhD (2018) (*)

Linear Matrix Inequalities in Control, PhD (2020, 2024)

2002-2013

Group supervision; 3 to 6 groups per semester, in particular on the Electronics Bachelor and Intelligent Autonomous Systems Master's educations.

Courses:

Structured System Development, Electronics 2nd semester (2007-2012)

Programming in C, Electronics 4th semester (2004-2006)

Scientific Communication, Electronic Systems 7th semester (2006-2011)

Writing and Reviewing Scientific Papers, PhD (2010-2011)

Control of Large Scale Energy Systems, PhD (2010)

1999-2002

Group supervision; 2 to 3 groups per semester, in particular on the Electronics Bachelor and Control Engineering Master's educations. Teaching assistant.

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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.

2022-2024 Semester coordinator, Electronic Systems Design 1st and 2nd semester

2018-2024 Study coordinator, Robotics Bachelor education

2014-2022 Semester coordinator, Robotics 1st and 2nd semester

2016-2022 Semester coordinator, Robotics 5th and 6th semester

2008-2011 Semester coordinator, Intelligent Autonomous Systems semester

2005-2011 Member of the Electronics study board

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

2005-2020 Mentor for 3 assistant professors, University Pedagogy course

2000-2002 University Pedagogy for Assistant Professors

1998 University teaching methods for PhD students

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

Type your answer here...

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.

2014-2024 Responsible for developing Data Acquisition for Mathematics/Technology 2nd semester from scratch; wrote my own 300-page Lecture Notes for the course.

2020-2021 Taught courses online during COVID lockdown and made several video lectures, pencasts etc. as part of that process

2018 Responsible for developing curriculum for Robotics Master's education, along with revising the curriculum for the Robotics Bachelor's education

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.

- Took part in revision of study guidelines for Electronics educations (2005)

- Module descriptions for Robotics 1st through 6th semesters

- Currently taking part in the development of a Master in Robotics

8. Any other information or comments.

Type your answer here...