Teaching Portfolio

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Teaching experience

2020-	Teacher - Robotics and Computer Vision, 10 ECTS, course given at SDU
2019 -	Teacher - Mechanical Elements for Robotics, 5 ECTS, course given at SDU
2018-2019	Teaching assistant - Robotics and Computer Vision 1, 10 ECTS, course given at SDU

Supervision

2020	Semester project - control and simulation in automation, 10 ECTS, course given at SDU
2019	Semester project - control and simulation in automation, 10 ECTS, course given at SDU
2017	Semester project - robot control, building a model of the environment, robot kinematics and dynamics, autonomous navigation, 6 ECTS, course given at University of Ljubljana – faculty of electrical engineering.
2016	Semester project - haptic and collaborative robotics, robot programming by demonstration, adapting to environmental changes, assembly of industrial use cases, 6 ECTS, course given at University of Ljubljana – faculty of electrical engineering.
2014	Semester project - haptic and collaborative robotics, robot programming by demonstration, adapting to environmental changes, assembly of industrial use cases, 6 ECTS, course given at University of Ljubljana – faculty of electrical engineering.

Teaching language

English

Formal pedagogical training

I am currently taking part in the Lecturer Training Program at SDU. The program is meant for educating university staff on lecturing principles, that they can adopt in their day to day teaching. The training is being supervised by Donna Hurford and Tony Andersen. The program consists of 6 modules:
- Module 1 "Inspiration" - introduction to teaching methods.
- Module 2 "Coaching" - being supervised and supervision of colleagues.
- Module 3 "Development" - adaptation of teaching methods, assessment as an internal project.
- Module 4 "Presentation" - presentation and reflection on the project results.
- Module 6 "Portfolio" - designing a teaching portfolio.
- Module 7 "Future" - Journal and concluding dialog.

Elective courses:
Construction and quality control of multiple-choice questions,
Use student response systems in your teaching,
Interactive Lecturing.

Pedagogical view

I believe that students should be involved as much as possible in the educational process. This will give them a sense of responsibility and basis for effective learning. I also strongly believe that backing up the theoretical approaches in engineering with practical examples leads to the faster and more efficient grasping of knowledge. Some practical examples which I follow in my teaching:
- In the learning process, students should be able to deal with real-world examples that outline the teaching matter.
- Problem-solving should be based on brainstorming in a group for more effective problem solving and gaining experiences between peers.

- Solving engineering issues involving practical skills.
- Project-oriented teaching with use-case problems on an industrial basis, where the proposed project task involves all the skills gained during the semester, giving the students the ability to solve tasks and grow on a personal and educational level as well as gain valuable experience which will benefit their professional careers in the future.