

## Leon Bodenhagen - Teaching portfolio

The Maersk Mc-Kinney Moller Institute  
SDU Robotics  
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### Teaching experience

2020 - present Supervisor on semester projects RB4 (10 ECTS)  
2016 - present Supervisor on semester projects RB3 (10 ECTS)  
2015 - 2017 Supervisor on semester projects VB2 (10 ECTS)  
2013 - present DSP - Digital Signal Processing; Robot technology, 3. semester (5 ECTS)  
2014 Mathematics; Welfare technology, 1. semester (5 ECTS)  
2012: Thesis supervisor

### Supervision

#### Master's Theses

2020 Hemanth Kanner  
2019 Ada Varga  
2019 Noelia F. Coleta  
2018 Hanna M. Weigelin  
2017 Steffen I. Nielsen  
2015 Kasper C. Jeppesen  
2015 Isaac M. Rodriguez  
2014 Milad D. Jami & Stefan-Daniel Suvei

#### Bachelor Theses

2018 Nikolaj W Steenbjerg  
2017 Laus Bigum

### Formal pedagogical training

2017 Lecturer Training Programme at the University of Southern Denmark

### Paedagogical view

Teaching is a communication process in which several forms of communication can be included, from monologues to lively discussions—the latter which is one of the most effective ways of conveying the content, depends on both the content of the subject itself but also the students and the instructor as individuals. No matter how the teaching is held, it is essential for me to create a situation which opens for constructive dialogue with the individual. Therefore, I actively adjust the teaching method, so that it facilitates the students' learning of the given curriculum in the best possible way.

In order to promote learning, it is valuable to apply what is learned. In the courses that I am involved in, there were always defined or associated projects, where the content of the subject is used to solve a given problem. It is typically in these situations that most students understand the relevance of the details that have been covered in the lesson, which in the lesson itself is just easily accepted without further reflection. Furthermore, these projects can create the necessary motivation and group dynamic which can enable the individual student to overcome potential academic shortcomings—academic deficiencies which the instructor may not necessarily be aware of.

Personally, I consider myself as the students' sparring partner—I like to use a less formal tone and a little bit of humor which also shines through from time to time, for example, under the lecture. It makes teaching more pleasant for me and it reduces the barrier for students to bring themselves into the teaching. However, it is important to me that the students make an adequate effort, are active in their studies and devise an adequate answer in their assignments.

**Other activities**

2020 - present    Supervisor for internships

2014 - present    Member of the External Examiners Corps, CensorNet