

Teaching Portfolio; Date: Fall 2019

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Pedagogical View

Coming from an “old school” format with 90 minutes lectures from professors without great interaction with students, it took me some time to adapt my teaching to an active learning environment combining questioning, group discussion, exercises, and flipped class-room methods. I am delighted by the effects of students investigating topics with their neighbor and sharing it with the class. This enriches their knowledge and quite often sheds light on new ideas and aspects which enriches our overall understanding. As in all classes there are participating, but also shy students, I try to activate everyone by different methods ranging from peer-to-peer discussions to IT-based questioning and training.

Teaching Experience

Course Teaching

My teaching is within the field of operations management and information systems. I have taught at different faculties, e.g., the Faculty of Business Administration at the University of Hamburg (Germany), the Faculty of Engineering at the University of Southern Denmark (Odense), the Faculty of Business and Economics, Department of Logistics, Tourism, and Management at the German University of Technology in Oman (GuTech, Mascat) as well as at the Faculty of Engineering, Department of Industrial Engineering, Universidad Peruana de Ciencias Aplicadas (UPC) in Lima (Peru).

My teaching experience ranges from introductory bachelor courses (e.g., “Produktion” at the University of Hamburg with an overall 900 students in one semester, “Statistics” at the University of Hamburg, or “Introduction to Information Systems” at the University of Hamburg, “Project Management” at the University of Southern Denmark) to specification courses at the master level (e.g., “Operations Analysis” and “Data Science” at the University of Southern Denmark).

The activities at different universities give me the opportunity to rapidly adapt to new environments and students’ needs regarding their learning progress.

Supervision of Theses

The supervision of theses encompasses more than 36 master and bachelor theses, 10 project and 6 in-company periods, as well as 15 seminar projects.

It is important for me that the students use everyone’s time efficiently. This means that they come appear/turn up well prepared at the supervision meetings. I encourage them to send an agenda and questions before the meeting as they will be required to be very structured and efficient in their daily work in practice. This also sets time free to discuss their own ideas and problems they are dealing with. Although the students are indeed very interested in the practical approach – most projects are developed in collaboration with companies – high academic standards regarding the scientific work have to be met. We use joint supervision to let the students learn from each other and experience and train the presentation situation where they need to discuss their work. The students amplify their knowledge in areas other than their own projects through the presentations.

Formal Pedagogical Training

- LTP at the University of Southern Denmark
- “Questioning – how it can support learning, teaching and assessment,”
- “Oral Examination in Higher Education in Denmark,”
- “Effective Feedback and Feed Forward

Other Teaching-Related Activities

- Censoring at the Højskole of Molde, Norway
- Censoring for other højskole, Aarhus
- Censoring in the master program of operations management
- Censoring for GMM – self-study

Teaching and supervision

Data Science

Pahl, J.
02/09/2019 → 25/11/2019

Data science and machine learning, 2022, Lecturer, Master level, English, Autumn 2022, 12 weeks-48 teaching hours, Lecturing and group study, oral exam, 50 students

Pahl, J., Cai, J. & Pereira, M. M.
01/09/2022 → 31/12/2025

Guest Lecturer

Beach, M. G.
14/12/2018 → 14/12/2018

Guest Lecturer

Beach, M. G.
04/05/2018 → 04/05/2018

IT-Systems in Logistics at GuTech, Mascat, Oman in the Department of Logistics, Tourism and Service Management

Pahl, J.
14/10/2018 → 14/11/2018

Operations Analysis

Pahl, J.
01/02/2018 → 27/06/2018

Operations Management - Data Science

Pahl, J.
01/09/2020 → 30/11/2020

Operations Management - Data Science and Machine Learning

Pahl, J.
01/09/2021 → 10/01/2022

Operations Management - Information Systems and Support Technologies

Pahl, J.
03/09/2018 → 17/12/2018

Operations Management - Operations Analysis

Pahl, J.
01/02/2020 → 30/06/2020

Operations Management - Operations Analysis

Pahl, J.
01/02/2020 → 30/06/2020

Project Management

Pahl, J.
07/09/2018 → 07/12/2018

Supply Chain Data Analyse and Digitalisering 2, 2023, Lecturer, Bachelor level, English, Spring 2023 12 weeks-48 teaching hours, Lecturing and group study, oral exam, 28 students

Pahl, J., Cai, J. & Rytter, N.
01/03/2023 → 09/04/2023