

Teaching Portfolio

Thomas Ebel – Head CIE / EE

Professor

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Teaching experience

Taught 1993-1995 the master course for teacher education – advanced inorganic chemistry at Westfälische Wilhelms University of Münster, Germany.

Fall 1998 at the University of Ulm – Course Project Management in Science.

Previously 2015-2019 taught at FH Kiel and CAU Kiel, the master courses Capacitors

In the spring of 2019-2021 taught the master student course EMECH (Electrical machinery 5 ECTS)

In fall 2019 and 2020 taught partly the master student course Grid connected converters 5 ECTS – wind power converter

Development of new course: Capacitors – Accelerating the green transition - Fall 2021 – 5 ECTS

I supervise PhD, Master, Bachelor, and Internship thesis

Educational practice - Basis / values

I believe that teaching which, to the greatest possible extent involve, activate and motivate the students and give them responsibility, provides the best basis for a good learning outcome, thus meeting the learning goals of education.

In my teaching practice, I try to differentiate that students learn in different ways and come from different cultures, and it is an important part in my teaching that the students can contribute their different experience into the course content.

Motivation factors could be:

- Relevant and real-life pragmatic cases that put the subject matter into perspective.
- The practical example (eg "Build an electric machinery")
- Solving engineering problems involving both professional as well as personal skills. (Knowledge, Skills and Competences - in relation to the qualification framework for lifelong learning) • continuous improving process (CIP) • learning competencies in interaction with others.

I get valid feedback from my students – last rating 3.8 out of 4

Formal pedagogical training

DESMI Training 2019

Individual teaching coaching 2019