



LEARNING CULTURE

Giving Effective Exercises in STEM - Between Experience and Expectations

DR. ANNA BAUER



Learn more about
HEDO at UPB!



STABSSTELLE
BILDUNGSINNOVATIONEN
& HOCHSCHULDIDAKTIK

THE WORKSHOP

This workshop is exclusively designed for international scholars (Ph.D. students, postdocs) who did not complete their studies in Germany and are now teaching at UPB. This workshop will live on the exchange of our own experiences and examples.

Exercise courses are a central part of teaching in STEM. Students can apply the knowledge gained in lectures to solve specific problems and acquire fundamental problem-solving skills. However, empirical studies show that the learning success and satisfaction of students lag behind the possibilities. Causes include not only the students' learning techniques and the design of the exercises by the instructors but also the expectations of students from the lecturer. For international scholars, the German learning culture and the expectations of students from the lecturer, as well as their own expectations of the students, often pose challenges.

We will focus on differences and similarities of your own and the German learning culture, and how these can influence the success of your exercises. Based on your own experiences and practical examples (in physics), we will work out possible solutions and strategies.

THE PARTICIPANTS ARE ABLE TO...

- reflect on their own learning culture and role
- analyze the potentials and limitations of different teaching techniques and typical learning-situations,
- identify effective strategies
- apply various teaching techniques in a learning-culturally sensitive manner

SUBJECT AREA



GUIDING
STUDENTS



TEACHING
+ LEARNING

PREREQUISITE

This workshop aims at lecturers with exercises in physics, mechanical engineering, electrical engineering, chemistry

THIS WORKSHOP CAN BE ACCEPTED IN
MODULES I, II AND III
OF THE QUALIFICATION PROGRAM.

THU, 18.04.24 » 12–16 UHR

Plattform/Room: tba
Credits: 8

Registration via [Anmeldeformular](#)
hochschuldidaktik@upb.de