



Summer semester 2025

Teaching Mathematics and Physics

Training for Tutors

Instructors: Katharina Leibfarth, Saradha Senthil Velu

Time: Monday and Tuesday, April 7th and 8th, 2025

Content

- Engaging students actively in problem-solving
- Effectively presenting and explaining exercises
- Encouraging student participation and managing discussions
- Providing constructive feedback on exercises
- Effective time management strategies
- Adapting teaching methods to different student needs
- Handling different roles and responsibilities as a tutor
- Practical exercises to develop tutoring skills

Description

Being a tutor may seem straightforward at first—after all, most tutors have attended exercise classes themselves. However, once in the role, several challenges arise: How do you encourage participation when students remain silent? How can you provide feedback that is truly helpful? How do you effectively manage the various responsibilities of leading an exercise class?

This training is designed to help you navigate these challenges. Through a mix of theoretical insights and hands-on activities, you will explore different teaching strategies, experiment with various approaches, and develop your own tutoring style. The focus will be on practical exercises that enhance your ability to engage students, manage discussions, and provide constructive feedback.

As part of the course, we will observe one of your sessions during the semester and provide personalized feedback. The training will conclude with a final reflection meeting.

Remarks

The training will be held in both English and German in a bilingual format. Please note that this training is held in person.

Requirement: Teaching an exercise class in Mathematics or Physics in Summer Semester 25. Alternatively, you are a PhD student in Mathematics or Physics.

Full participation gives 2 credit points. The number of participants is limited to 12.

If you would like to participate but have other obligations partly on the given dates, please let us know and we will try to find a solution.

Please send your binding registration to either Saradha Senthil Velu or Katharina Leibfarth:

saradha.senthil-velu@uni-tuebingen.de, *katharina.leibfarth@uni-tuebingen.de*

Registration deadline: April 1st, 2025.