

# Dynamic Epistemic Logic

## 0. Organization

Albert-Ludwigs-Universität Freiburg



UNI  
FREIBURG

Bernhard Nebel and Robert Mattmüller

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# About the course



## Lecturers

Dr. Robert Mattmüller

- **Email:** mattmuel@informatik.uni-freiburg.de
- **Office:** room 052-00-042
- **Consultation:** by appointment

Prof. Dr. Bernhard Nebel

- **Email:** nebel@informatik.uni-freiburg.de
- **Office:** room 052-00-029
- **Consultation:** Wednesday, 12:00-13:00, and by appointment

[About](#)

[Coordinates](#)

[Rules](#)



## Exercises

Thorsten Engesser

- **Email:** `engesser@cs.uni-freiburg.de`
- **Office:** room 052-00-041
- **Consultation:** by appointment



## Lectures

- **Time:** Monday 16:15-18:00, Wednesday 16:15-17:00
- **Place:** building 101, seminar room 00-010/014

## Exercises

- **Time:** Wednesday 17:15-18:00
- **Place:** building 101, seminar room 00-010/014



## Course Website

<http://gki.informatik.uni-freiburg.de/teaching/ss19/del/>

- [Main page](#): course description
- [Lecture page](#): slides
- [Exercise page](#): assignments



- No script, but these slides available on the web (slides are in preparation; occasionally, we may resort to the black board instead ...)
- First half of the semester:
  - H. van Ditmarsch, W. van der Hoek, and B. Kooi.  
[Dynamic Epistemic Logic](#).  
Springer, 2007.
  - Three hard copies in Faculty of Engineering library,  
*Frei 91: SB/D.1/58*.
  - Electronic full-text with university licence (three copies),  
<http://www.redi-bw.de/start/unifr/EBooks-myilibrary/86527>.
- Second half of the semester:
  - Selected journal articles and conference papers.
- Additional resources: **ask us!**



## Acknowledgments:

- Slides based on lecture notes (from WS 2016/2017) by Ralvi Isufaj.





## Students of Computer Science:

- Master of Science, any year
- Bachelor of Science, ~3rd year

## Other Students:

- Advanced study period (~4th year)



## Course prerequisites:

- **Propositional logic:** syntax and semantics
- **Mathematics:** familiarity with mathematical reasoning, proofs, etc.



- 6 ECTS points
- Special lecture in specialization field  
[Cognitive Technical Systems](#)
- [Oral exam](#) of about 30 minutes for computer science  
B.Sc. students
- [Written or oral exam](#) for M.Sc. students and students in  
study programs other than computer science (likely oral)



## Exercises (written assignments):

- Handed out once a week
- Due one week later, before the lecture
- Discussed in the next exercise session
- May be solved in groups of two students



You can take the exam **without any prerequisite!**

However, you also have to acquire a **Studienleistung**:

- Points can be earned for “reasonable” solutions to exercises and programming assignments.
- At least 50% of points prerequisite for acquiring the Studienleistung.



## What is plagiarism?

- Passing off solutions as your own that are not based on your ideas (work of other students, Internet, books, ...)
- <http://en.wikipedia.org/wiki/Plagiarism> is a good intro

## Consequence: no Studienleistung!

- We may (!) be generous on first offense.
- Don't tell us "We did the work together."
- Don't tell us "I did not know this was not allowed."