Dynamic Epistemic Logic

0. Organization

Albert-Ludwigs-Universität Freiburg

UNI
FREIBURG

Bernhard Nebel and Robert Mattmüller

April 24th, 2019

About the course

People

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

People

Exercises

Thorsten Engesser

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

Time and Place

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

Website

Course Website

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

- Main page: course description
- Lecture page: slides
- Exercise page: assignments

Teaching Materials

- 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!

Teaching Materials

Acknowledgments:

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

Target Audience

Students of Computer Science:

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

Other Students:

- Advanced study period (∼4th year)

Prerequisites

Course prerequisites:

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

Credit Points and Exam

- 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

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

Admission to Exam

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 a acquiring the Studienleistung.

Plagiarism

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."