VL+UE LOGIK: COURSE ORGANIZATION

WS 2016/2017 (342.208, 342.209)

Armin Biere   Wolfgang Schreiner
Martina Seidl   Wolfgang Windsteiger

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JOHANNES KEPLER
UNIVERSITY LINZ

Objectives of this Course

In this course, you will learn to

- understand logic formulas
- use concise mathematical notations
- formulate and solve problems in formal languages
- reason with logics manually and algorithmically

This course consists of *lectures* and *exercises*.

Structure of this Course

name	lectures	assignments		
		tests	labs	required positive
Module 1: SAT	4	4	1	2
Module 2: First-Order	6	6	2	3
Module 3: SMT	2	2	1	1

a lab assignment is voluntary
and can replace a test of the same module

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Organization of the Course

Lecture

- each week (Tuesday, 8:30–10:00)
- grade: final exam at the end of the semester
- grade is independent of grade for exercises

Exercises

- each week (Tuesday, 10:15–11:45)
- based on the lecture of the same day
- presented by lecturer
- grade: weekly test

Exercise Tests

■ each week

■ first 15 minutes of the exercises

■ everybody has to individually solve a test similar to the exercises discussed in the previous week

■ this test will be corrected and is used for the grade of the exercise course

■ each handed-in test is worth up to 5 points

■ a handed-in test is positive with ≥ 2.5 points

■ no test can be repeated or taken at a later time

Lab Exercises

- the lab exercises have a tool aspect and are voluntary
- each handed-in lab exercise is worth up to 5 points
- solutions of handed-in lab exercises have to be presented orally
- a lab exercise is positive with ≥ 2.5 points
- dates for the lab exercises depend on the date of their announcement:
  - Week X: announcement of lab exercise
  - Week X+2 (or 3):   submission
  - Week X+3 (or 4):   presentation

Grading

■ to pass the course you need to have
  □ the required number of positive assignments for each module
  □ enough points in total (see below)

■ grading scheme:
  □ ≥ 52 points: 1   very good (sehr gut)
  □ ≥ 44 points: 2   good (gut)
  □ ≥ 36 points: 3   satisfactory (befriedigend)
  □ ≥ 28 points: 4   sufficient (genügend)
  □ < 28 points: 5   insufficient (nicht genügend)

Lecturers

Armin
Biere

Wolfgang
Schreiner

Martina
Seidl

Wolfgang
Windsteiger

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Contacts

- **Armin Biere** biere@jku.at
  Institute for Formal Models and Verification (FMV),
  Science Park 3 (SP3), Linz

- **Martina Seidl** martina.seidl@jku.at
  Institute for Formal Models and Verification (FMV),
  Science Park 3 (SP3), Linz

- **Wolfgang Schreiner** Wolfgang.Schreiner@risc.jku.at
  Research Institute for Symbolic Computation (RISC),
  Hagenberg Castle, Hagenberg im Mühlkreis

- **Wolfgang Windsteiger** Wolfgang.Windsteiger@risc.jku.at
  Research Institute for Symbolic Computation (RISC),
  Hagenberg Castle, Hagenberg im Mühlkreis

Questions?

1. ask your colleagues

2. ask in the Moodle forum if you have a question of general interest

3. write an email if you have a personal question

Resources:

http://fmv.jku.at/logik