Course Organization

Version 2015.1

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Objectives of this Course

In this course, you will learn

- to understand logic formulas,
- how to use concise mathematical notations in the context of logic and theoretical computer science,
- how to formulate and solve application problems in formal languages,

and

- how to reason with logics manually and algorithmically.

This course consists of lectures and exercises.
### Content of this Course

<table>
<thead>
<tr>
<th></th>
<th>lectures</th>
<th>tests</th>
<th>labs</th>
<th>required positive assignments</th>
</tr>
</thead>
<tbody>
<tr>
<td>name</td>
<td>assignments</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Module 1: SAT</td>
<td>4</td>
<td>4</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Module 2: First-Order</td>
<td>6</td>
<td>6</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Module 3: SMT</td>
<td>2</td>
<td>2</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

Lab assignments are voluntary.
Organization of the Course (1/2)

*Lecture*
- each week
- one final exam at the end of the semester
- grade is independent of grade for exercises (content is very related!)

*Tests*
- each week
- directly after the lecture
- In the first 15 minutes, 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 $\geq 2.5$ points.
- No test can be repeated or taken at a later time.
Organization of the Course (2/2)

Exercises

- After the test, which is handed in, new exercises will be discussed.
- Topics are selected from the lecture on the same day.
- This material is used as basis for the test in the following week.

Labs

- 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 $\geq 2.5$ 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
To pass the course you
- have the required number of positive assignments for each module.
- have enough points in total.

Grading scheme:
- $\geq 52$ points: 1  very good (sehr gut)
- $\geq 44$ points: 2  good (gut)
- $\geq 36$ points: 3  satisfactory (befriedigend)
- $\geq 28$ points: 4  sufficient (genügend)
- $< 28$ points: 5  insufficient (ungenügend)
Lecturers

Armin Biere

Wolfgang Schreiner

Martina Seidl

Wolfgang Windsteiger
Questions?

1. Ask your colleague.

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