

Frank Richter:
Introduction to Computational Linguistics

Seminar:	Wednesday 14ct–16 at the SfS, Hörsaal 0.02		
Regular seminar starts:	Friday, October 30th, 2009		
Credits:	3 CP		
Office Hours:	Monday 11.00 – 12.00		
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- Webpage: www.sfs.uni-tuebingen.de/~fr/teaching/ws09-10/i2cl/
- Midterm exam: December 9th
- Final exam: in the last week of classes, on February 17th

Class Participation

Examination regulations of the Neuphilologische Fakultät require that students attend courses regularly. If students do not attend a course meeting on more than two occasions in one semester without proper excuse (e.g. doctor's note), the course instructor has to give them a failing grade.

Please do not put me in a position to have to fail you for this reason. If you cannot come to class, please email me ahead of time, if at all possible.

You are expected to come on time. Being late without good reasons will count as not having attended a course meeting.

If you own a mobile phone and carry it with you, please turn it off before class.

Reading Assignments

Please read the assigned reading in advance of the class meeting for which it was assigned. I will presuppose that you have read the material when we discuss it in class.

Grading Policy

Your grade will be based on two components: midterm exam (50 %) and final exam (50 %).

Course Objective This introductory course has five major goals:

- (Largely non-technical) introduction to the field of computational linguistics and its history.
- Survey of natural language processing applications.
- In-depth look at machine translation as a means to illustrate the major tasks for natural language processing
- Presentation of tools and resources needed for natural language processing applications.
- To give you credit for your work and to get you one step closer to your degree.

Time Table

30.10.: Organizational matters, Introduction
04.11.: Introduction: Overview and History of Computational Linguistics
11.11.: Machine Translation I
18.11.: Machine Translation II
25.11.: Machine Translation III
02.12.: Tokenization and Sentence Segmentation I
09.12.: Midterm exam
16.12.: Tokenization and Sentence Segmentation II
13.01.: Regular Expressions, Finite State Automata
20.01: Finite State Transducers
27.01: Finite State Transducers and Replacement Operators
03.02: Finite State Transducers, Morphological Analysis
10.02: Part of Speech Tagging and Course Review
17.02: Final exam

References

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