

Frank Richter:
Introduction to Computational Linguistics

Seminar:	Wednesday 16ct–18 at the Sfs, Hörsaal 0.02		
Regular seminar starts:	Wednesday, 25th October 2006		
Credits:	3 CP		
Office Hours:	Tuesday 10.00 – 11.00		
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- Webpage: www.sfs.uni-tuebingen.de/~fr/teaching/ws06-07/icl/
- Midterm exam: December 13th
- Final exam: in the last week of classes, on February 14th

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

25.10.: Organizational matters, General Introduction
08.11.: Introduction: Overview and History of Computational Linguistics
11.11.: Excursion Weekend: Survey of NLP Applications / Machine Translation
15.11.: Machine Translation I
22.11.: Machine Translation II
29.11.: Machine Translation III
06.12.: Tokenization and Sentence Segmentation I
13.12.: Midterm exam
20.12.: Tokenization and Sentence Segmentation II
Regular Expressions, Finite State Automata
10.01: Finite State Transducers
17.01: Finite State Transducers and Replacement Operators I
24.01: Finite State Transducers and Replacement Operators II
31.01: Morphological Analysis / Part of Speech Tagging
07.02: Review Meeting
14.02: Final exam

References

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