

CSC 247/447
Tentative Weekly Lecture Schedule
Fall 2010

Assignment due dates will likely be 1 day later than shown here.
Lisp components of assignments may have different due dates.

| Dates | Events | Assign. | Read | Topics |
|---------|----------------|---------|--------|---|
| Sep. 2 | | | NLU:1 | Meaning, significance, and methods of NLP |
| Sep. 7 | | | NLU:2 | NLU system structure; outline of English |
| Sep. 9 | | | | Basic English phrase structure |
| Sep. 14 | | As. 1 | NLU:3 | Top-down & bottom-up parsing; |
| Sep. 16 | | ↓ | | Chart parsing |
| Sep. 21 | | ↓ | NLU:4 | Grammars with features; |
| Sep. 23 | | due | | Parsing with features |
| Sep. 28 | | As. 2 | NLU:5 | Grammars for movement (gaps) |
| Sep. 30 | | ↓ | | Parsing with moved constituents |
| Oct. 5 | | ↓ | NLU:6 | Human preferences in parsing |
| Oct. 7 | | due | | Toward efficient parsing |
| Oct. 12 | | As. 3 | NLU:7 | Probability, POS tagging, |
| Oct. 14 | | ↓ | | lexical prob.'s, parsing with prob.'s |
| Oct. 19 | | ↓ | NLU:8 | Logical form, denotational semantics |
| Oct. 21 | | due | | Quantifier scope; indexicality; θ -roles |
| Oct. 26 | Midterm | | | |
| Oct. 28 | | | NLU:9 | Rule-by-rule sem. interpretation; NPs, VPs, PPs |
| Nov. 2 | | | | Interpreting gaps: questions, rel. clauses, etc. |
| Nov. 4 | | | NLU:12 | Issues in sem. interpretation: scoping, reference |
| Nov. 9 | | As. 4 | | Sem. of modification, comparison, intensional constructs |
| Nov. 11 | | ↓ | NLU:13 | KR; allowing for events/actions; forward & backward inference |
| Nov. 16 | | ↓ | | Hybrid systems, nonmon. & probabilistic inference |
| Nov. 18 | | due | NLU:14 | Discourse context; discourse entities; pronouns |
| Nov. 23 | | As. 5 | | Definite descriptions, indefinites, sets, ellipsis |
| Nov. 25 | THANKS | | | |
| Nov. 30 | | ↓ | NLU:15 | Local coherence & world knowledge; matching expectations; abduction |
| Dec. 2 | | ↓ | | Cause-effect, whole-part, scripts, plans |
| Dec. 7 | | due | NLU:16 | Discourse segments, cue phrases, reference revisited |
| Dec. 9 | Test2? | | | Temporal deindexing, attentional & discourse state |
| Mon. | | Proj. | | |
| Dec. 13 | | due | | |
| Dec. 14 | Reading period | | | |

Final exam period: Dec 16-21

Approximate weights: CSC 447 CSC 247

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|---------------|--------|-------|
| 5 assignments | 35±3% | 50±3% |
| Midterm exam | 15±3% | 20±3% |
| Second exam | 25±3% | 30±3% |
| Proj/Essay | 25 ±3% | |

Assignments will have both theoretical problems and significant Lisp programming questions/projects.
As noted above, these 2 aspects may sometimes have different due dates.

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Course homepages: <http://www.cs.rochester.edu/schubert/247-447/home.html>
http://www.csug.rochester.edu/users/ugrads/fferraro/247_447F10/