

January 12 Finite State Transducers	Ch 3	
Language Modeling with N-Grams	Ch 4 (3rd Edition) (through 4.4)	
Part-of-Speech Tagging	Ch 5 Optional: relevant sections of Ch 6	
Formal Grammars and Syntactic Parsing	Chs 12 and 13 (selected)	
Statistical Parsing	Ch 14	
Vector Semantics	Ch 15 (3rd Edition)	
Semantics with Dense Vectors	Ch 16 (3rd Edition)	
Computing with Word Senses: WSD and WordNet	Ch 17 (3rd Edition)	
Advanced Topics (e.g., Sentiment, SRL, IE, QA, Discourse, Dialogue)		
April 25?		Project Presentations/Reports
April 27?		Final Exam (NO MAKEUPS)

Acknowledgements: Some of the materials used in this course borrow from the NLP courses of Steven Bird, Julia Hirschberg, Rebecca Hwa, Dan Jurafsky, Chris Manning, James Martin, Johanna Moore, Dragomir Radev, Philip Resnick, Ellen Riloff.