Syllabus

The course will cover Chapters 1 through 18 of the textbook. We will cover about three chapters every four class meetings, but certain chapters will take less time than others. The chapter topics, in order, are:

1. Background
2. Languages
3. Recursive Definitions
4. Regular Expressions
5. Finite Automata
6. Transition Graphs
7. Kleene's Theorem
8. Nondeterminism
9. Finite Automata with Output
10. Regular Languages
11. Non-regular Languages
12. Decidability
13. Context-Free Grammars
14. Trees
15. Regular Grammars
16. Chomsky Normal Form
17. Pushdown Automata
18. "CFG = PDA"

Sometimes, I will cover material not in the textbook, in which case I will make notes available to you.