

Spring 2025 Tentative Lecture Schedule

Date	Day	Class
1/14/2025	T	Mathematical Notions and Terminology
1/16/2025	Th	Definitions, Theorems, and Proofs
1/21/2025	T	Finite Automata
1/23/2025	Th	Regular Expressions
1/28/2025	T	Nondeterminism
1/30/2025	Th	Minimal FAs and Conversions
2/4/2025	T	Non-regular languages
2/6/2025	Th	Test 1
2/11/2025	T	Context-free Grammars
2/13/2025	Th	Ambiguity and Chomsky Normal Forms
2/18/2025	T	Pushdown Automatas
2/20/2025	Th	Bible Conference
2/25/2025	T	Equivalence with context-free grammars
2/27/2025	Th	DCFGs and Regular CFGs
3/4/2025	T	Non-context-free Languages
3/6/2025	Th	Test 2
3/11/2025	T	Turing Machines
3/13/2025	Th	Multitape Turing Machines
3/18/2025	T	Nondeterministic Turing Machines
3/20/2025	Th	Reversible Turing Machines
3/25/2025	T	Spring Break
3/27/2025	Th	Spring Break
4/1/2025	T	Decidable Languages
4/3/2025	Th	The Halting Problem
4/8/2025	T	Undecidable Problems
4/10/2025	Th	A Simple Undecidable Problem
4/15/2025	T	Test 3
4/17/2025	Th	Measuring Complexity
4/22/2025	T	The Class P
4/24/2025	Th	The Class NP
4/29/2025	T	NP-completeness
5/1/2025	Th	NP-completeness
5/6/2025	T	Final Exam Meet at regular time
5/8/2025	Th	Grades Due