

CMSC 303 Fall 2025 Schedule

Please note that this schedule could change.

Week	Date (Week of)	Textbook Readings / Topics	Assignments Due
1	8/18	Chapter 0 – Introduction Chapter 1.1 – Finite Automata	Syllabus Quiz – August 26
2	8/26	Chapter 1.1 – Finite Automata cont. Chapter 1.2 – Non-Deterministic Finite Automata	Reflection 1– August 31
3	9/2	Chapter 1.3 – Regular Expressions	
4	9/2	Chapter 1.4 – Nonregular Languages Chapter 1 Review	
5	9/16	Exam 1 Chapter 2.1 – Context-Free Grammars	
6	9/23	Chapter 2.1 – Context-Free Grammars Chapter 2.2 – Pushdown Automata	Reflection 2– September 28
7	9/30	Chapter 2.2 – Pushdown Automata Chapter 3.1 – Turing Machines	
8	10/7	Exam 2 Chapter 3.2 – Variants of Turning Machines	
9	10/14	Universal Turing Machines & Chapter 3.3 – The Definition of Algorithm Chapter 3 Review	Reflection 3– October 19
10	10/21	Exam 3 Chapter 4.1 - 4.2 – Decidable Languages & Undecidability (Reductions)	
11	10/28	Chapter 5.1 – Undecidable Problems from Language Theory Chapter 5.3 – Mapping Reducibility & Rice’s Theorem	Reflection 4– November 2
	10/31	Last day to withdraw or select pass/fail option	
12	11/4	Election Day – No class session Using Rice’s Theorem	
13	11/11	Chapter 1 Review Exam 4	
14	11/18	Chapter 7.1 – 7.3 Time Complexity & the Class NP Chapter 7.4 – NP-Completeness	Reflection 5– November 30
15	11/25	Fall Break – No class session	
16	12/2	Chapter 7.5 – Additional NP-Complete Problems Final Review	
	12/11	Final Exam	12:30 – 3:20 pm