

FALL 2022
TENTATIVE CS5313-ACADEMIC CALENDAR

	Monday	Wednesday	Assg
Aug. 22 1	Course Info; CH1: Prelims/Proof Techniques	1.2: Alphabets and Languages; CH2: DFAs	
Aug. 29 2	2.2 NDFAs	<i>2.3 Equivalence</i> <i>2.4 Reduction</i>	
Sept. 5 3	Labor Day	CH3: Regular Expressions	Chaps 1 - 2 due 9/7
Sept. 12 4	3.2 REs and RLs	3.3 Regular Grammars	
Sept. 19 5	CH4: Properties of Regular Languages; Closure	4.3 Id non-Regular languages; Pumping Lemma	Quiz
Sept. 26 6	CH5: Context-Free Grammars; Parsing	5.3 CFGs and CFLs	
Oct. 3 7	CH6: Simplifying CFGs	REVIEW	Chaps 3 – 5 due 10/3
Oct. 10 8	MIDTERM	6.2 Normal Forms	
Oct. 17 9	CH7: Non-det. PDAs	7.2 PDAs and CF Languages	
Oct. 24 10	7.3 Det. PDAs and non-det. PDAs	<i>CH8: CFL Pumping Lemma</i>	Chaps 6-7 Due 10/26
Oct. 31 11	<i>8.2 Properties of Context- Free Languages; Closure</i>	CH9: Turing Machines: Acceptors	
Nov. 7 12	Turing Machines: Transducers	<i>9.2 Combining TMs</i>	Quiz
Nov. 14 13	<i>TMs Shorthand Notation</i>	<i>9.3 Turing's Thesis</i>	
Nov. 21 14	<i>CH11: Hierarchy of Languages</i>	Thanksgiving	Chaps 8-9 Due 11/21
Nov. 28 15	<i>CH12.1 Computability and Decidability</i>	<i>Quantum Computing</i> Review	
Dec. 7 16		FINAL EXAM 5:45-7:45pm	