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	*2.3 Equivalence 2.4 Reduction*	
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	
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	*CH8: CFL Pumping Lemma*	Chaps 6-7 Due 10/26
Oct. 31	11	*8.2 Properties of Context-Free Languages; Closure*	CH9: Turing Machines: Acceptors	
Nov. 7	12	Turing Machines: Transducers	*9.2 Combining TMs*	
Nov. 14	13	*TMs Shorthand Notation*	*9.3 Turing's Thesis*	
Nov. 21	14	*CH11: Hierarchy of Languages*	**Thanksgiving**	Chaps 8-9 Due 11/21
Nov. 28	15	*CH12.1 Computability and Decidability*	*Quantum Computing* **Review**	
Dec. 7	16		**FINAL EXAM 5:45-7:45pm**	