☀ CS 321 - Summer 2020 ☀

Tentative Schedule

	Monday	Tuesday	Wednesday	Thursday	Other
June	Intro Sec 1.1 Math Preliminaries Sec 1.2 Three basic Concepts	Sec 2.1 DFA	Sec 2.2 NDFA	Sec 2.3 Equivalence of DFA and NFA	**HW 1 due Saturday at 11:59pm**
July	Sec 3.1 Regular Expressions	Sec 3.2 Regular Expressions and Regular Languages	Sec 3.3 Regular Grammars	Sec 4.1 Closure properties of regular Languages	**Holiday Campus Closed Friday** **HW 2 due Saturday at 11:59pm**
July	Sec 4.2 Elementary Questions	Sec 4.3 Identifying Nonregular Languages	Sec 4.3 Identifying Nonregular Languages	Review/Catch-up	**HW 3 due Saturday at 11:59pm**
July	**Quiz 1**	Sec 5.1 Context-Free Grammars	Sec 5.2 & 5.3 Parsing and Ambiguity	5.3 Context-free Grammars and Programming languages	**HW 4 due Saturday at 11:59pm**
July	Sec 6.1 Transforming Grammars	Sec 6.2 Normal Forms	Sec 7.1 Nondeterministic Pushdown Automata	Sec 7.2 PDA and CFL	**HW 5 due Saturday at 11:59pm**
July/August	Sec 7.3 Deterministic Pushdown Automata	Sec 8.1 Two Pumping Lemmas	Sec 8.2 Closure Properties for CFL	Review/Catch-up	**HW 6 due Saturday at 11:59pm**
August	**Quiz 2**	Sec 9.1 Standard Turing Machine	Sec 9.2 Combining Turing Machines Sec 9.3 Turing Thesis	Sec 10.1 Variations of TM	**HW 7 due Saturday at 11:59pm**
August	Sec 10.4 Universal TM	Sec 12.1 Problems that cannot be solved by TM	Review/Catch-up	**Quiz 3**	