August 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19 Class 1: Intro: course, alphabet, language.	20	21 Class 2: Introducing finite automata and JFLAP. Bring laptop to class!	22	23 Class 3: Complement, intersect machines with diagrams	24
25	26 Class 4: Set Theory Basics	27	28 Class 5: A formal definition of a DFA	29	30 Class 6: Functions and Formal Algorithms	31

September 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2 Labor Day	3 Class 7: More formal algorithms Monday Schedule	4 Class 8: More formal algorithms	5	6 Class 9: Configurations and a formal def of accept/reject	7
8	9 Class 10: Finishing configurations and started NDFAs	10	11 Class 11: Constructing NDFAs & formal definition of NDFAs	12	13 Class 12: More algorithms for NDFAs	14
15	16 Class 13:	17	18 Class 14:	19	20 Class 15: Intro	21

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	Converting NDFAs to DFAs		Converting NDFAs to DFAs II		to Regular Expressions	
22	23 <u>Class 16</u>: Lab: Regular expressions in Perl Academic Reserve	24 Academic Reserve	25 6Wk Exam Academic Reserve	26 Academic Reserve	27 Exam Debrief <u>Our first non-regular language</u> Academic Reserve	28
29	30 <u>Class 17</u>: Equivalence of REs and FAs					

October 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2 <u>Class 18</u>: Pumping Lemma I <u>Problem Set Posted</u>	3	4 <u>Class 19</u>: Pumping Lemma II	5
6	7 <u>Class 20</u>: Pumping Lemma Reprise	8	9 <u>Class 21</u>: State Minimization	10	11 <u>Class 22</u>: Introduction to Context Free Grammars	12
13	14 Columbus Day	15	16 <u>Class 23</u>: Parse Trees & Ambiguity	17	18 <u>Class 24</u>: Algorithms for CFGs	19
20	21 <u>Class 25</u>: Pushdown Automata	22	23 <u>Class 26</u>: Converting Grammars to PDAs	24	25 <u>Class 27</u>: More on Parsing	26
27	28 12Wk Exam Academic Reserve	29 Academic Reserve	30 Exam Debrief Academic Reserve	31		

November 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 Class 28: A Pumping Lemma for CFGs Academic Reserve	2
3	4 Class 29: More on what's not a CFL	5	6 Class 30: Deterministic PDAs	7	8 Class 31: Introduction to Turing Machines	9
10	11 Veterans' Day	12	13 Class 32: A formal definition of a Turing Machine	14 Project 2 assigned	15 Class 33: Configurations and completing our formal definition	16
17	18 Class 34: Equivalence of different TMs, Part I	19	20 Class 35: Equivalence of different TMs Part II	21	22 Class 36: Encoding TMs on the Tape Project 2 Milestone 1	23
24	25 Class 37: Universal TMs and the Church-Turing Thesis Project 2 Milestone 2	26	27 Class 38: What if we did FAs differently? Friday Schedule	28 Thanksgiving	29 Digestion Day	30

December 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2 Class 39: The Halting Problem	3 Project 2 Milestone 3	4 Class 40: Conclusion	5	6 Reading Day	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21

22	23	24	25	26	27	28
29	30	31				