

Week	Date (From To)		Topic	Assignments	Note
1	01/13/20	01/17/20	Introduction - Syllabus / Outline - Student Info. - Learning Style - Way to Success - Pre-Exam	Reference: - Stanford - Automata Theory - How to take notes: 1 , 2	1/13: Class Begin
2	01/20/20	01/24/20	Ch1: Automata - Slides Ch1 - Introduction (15 min.) (11 min.) Ch2: Finite Automata - Slides Ch2	Homework1 - Hw1.1 Student Info. - Hw1.2 Learning Style - Hw1.3 Feedback - Hw1.4 PreExam	1/20: Martin Luther King Day – No class 1/24: Last day for registration
3	01/27/20	01/31/20	Ch2: Finite Automata - DFA (36 min.)	Homework2 - Hw2.1 Ch1 - Hw2 Ch2 Part1	2/1: Last day to apply for May graduation and pay Senior Fees
4	02/03/20	02/07/20	Ch2: Finite Automata - NFA (46 min.)	Homework3 - Hw3 Ch2 Part2 Quiz1	
5	02/10/20	02/14/20	Ch3: Regular Expressions & Language - Slides Ch3 - RE (38 min.) (17 min.)	Homework4 - Hw4 Ch3	
6	02/17/20	02/21/20	Ch4: Properties of Regular Languages - Slides Ch4 - Closure properties (20 min.)	Homework5 - Hw5 Ch4 Quiz2	
7	02/24/20	02/28/20	Ch5: Context-Free Grammars and Languages - Slides Ch5 Midterm Review (Sample Questions)	Homework6 - Hw6 Ch5 Part1	2/27-3/5: Midterm Exam
8	03/02/20	03/06/20	Midterm Exam (3/4)	Review	3/6: Midterm Grade due
9	03/09/20	03/13/20			3/9-13: Spring Break – No class
10	03/16/20	03/20/20	Extended Spring Break due to Coronavirus		3/18-5/8: Early Registration 3/19: Founder's day convocation (rescheduled)
11	03/23/20	03/27/20	Ch5: Context-Free Grammars and Languages - Intro CFG (27 min.), Parse Tree (26 min.), Normal Form (27 min.)	Homework7 - Hw7 Ch5 Part2	
12	03/30/20	04/03/20	Ch6: Pushdown Automaton - Slides Ch6 - Intro Pushdown Automaton (24 min.) - PDA $\leftrightarrow$ CFG (18 min.)	Homework8 - Hw8 Ch6 Quiz3	
13	04/06/20	04/10/20	Ch7: Properties of Context-Free Languages - Slides Ch7 - Closure Properties (35 min.)	Homework9 - Hw 9 Ch7	4/6-9: Science and Technology Week 4/10: Good Friday – College is closed
14	04/13/20	04/17/20	Ch8: Introduction to Turing Machines - Slides Ch8 - Intro. TM (34 min.) - Properties (37 min.)	Homework10 - Hw10 Ch8 Quiz4	4/15: Last day to drop a regular class and receive a WC; Last day to officially withdraw from the College
15	04/20/20	04/24/20	Ch9: Undecidability - Slides Ch9 - Decidability (18 min.), Undecidable problems (56 min.) Ch10: Intractable Problems - P and NP (25 min.)	Homework11 - Hw11 Ch9 & Ch10	4/23: Student Research Presentations 11:00 am -1:00 pm
16	04/27/20	05/01/20	Review	Homework12	4/24-28: Senior Examinations;

			Senior Exam	- Hw12 Sample Questions	4/28: Last day of regular classes
17	05/04/20	05/08/20	Final Exam		5/2-7: Final Examinations