

## Agenda for CSCE 531 class meeting of 2021-04-01 (Class 22: 2 of Week 12; Online)

### 1. Remember to record the session!

WEEK	TOPIC	SOURCE
1 (1/12,14)	Introduction: Syntax, Semantics, and Language Processors	Sect. 16.7[H]
2 (1/19,21)	Introduction: Syntax, Semantics, and Language Processors	<i>Ch.2 [W]; Ch.13 [M10]; Ch.1 [R]; Ch.1 [W];</i>
3 (1/26,28)	<i>Introduction: Syntax, Semantics, and Language Processors</i> Lexical Analysis	<i>Ch.1 [R]; Ch.1 [M]; Chs. 2-3 [R]</i>
4 (2/2,4)	Lexical Analysis	Ch.1 [M]; Chs. 2-3 [R]; <i>Ch.4 [W]</i>
5 (2/9,11)	<i>Lexical Analysis</i> ; Syntactic Analysis	<i>Ch.1 [M]; Ch.4 [W]; Ch.2 [M]; Chs. 2-3 [R]</i>
6 (2/16,18)	Syntactic Analysis	Ch.2 [M]; Chs. 2-3[R]
7(2/23,25)	<i>Syntactic Analysis</i> ; Alex, Happy, and BNFC; Wellness Holiday	<i>Ch.2 [M]; Chs. 2-3[R]; Ch. 2 [R]; Manuals</i>
8 (3/2,4)	<i>Syntactic Analysis</i> ; Alex, Happy, and BNFC; Scopes and Symbol Tables	<i>Ch.2 [M]; Chs. 2-3[R]; Ch.3 [M]</i>
9 (3/9,11)	<i>Syntactic Analysis</i> ; <del>Review (if time permits)</del> and Midterm	<i>Ch.2 [M]; Chs. 2-3[R];</i>
10 (3/16,18)	<i>Midterm</i> ; Alex, Happy, and BNFC; Scopes and Symbol Tables; Interpretation	<i>Chs. 2-3[R]; Chs.3-4 [M], Ch.5 [R]; Ch.8 [W]</i>
<b>11 (3/23,25)</b>	<b>Scopes and Symbol Tables; Interpretation; Type Checking</b>	<b>Chs. 4,5 [M], Ch.4 [R]</b>
<b>12 (3/30 &amp; 4/1)</b>	<b>Wellness Holiday and Type Checking Intermediate-Code Generation</b>	<b>Ch5 [M], Ch.4 [R], Ch.6 [M]</b>
13 (4/13,15)	Machine Code Generation	Ch.7 [M]
14 (4/20,22)	Register Allocation	Ch.8 [M]
15 (4/20,22)	Functions	Ch. 9 [M]
May 4	Final Exam: May 4, 1600	

- Check email to see whether students are emailing reports of trouble.
- Ask student to use chat for questions and mute audio and video on their side, to limit clutter and bandwidth.
- Virtual Office Hours. I expect to have virtual office hours on Blackboard Collaborate Ultra from 1500-1800 on Mondays. Please email me if you want to meet me online.
- Introduction of students and instructor.
- HW6 assigned, due 2021-03-18 (**Friday at 23:55: note unusual time**): Exercise 2.19 [M].
- HW7 assigned, due 2021-04-06: Exercises 4.0, 4.1, 4.2, 4.3, 4.4 [R]. For exercise 4.3, replace the beginning of the question with: "Using the pseudocode for this section, write the check functions for while statements, etc."
- Syntax analysis: Type Checking.
- Make sure that the students are fine and wait for questions before ending the session.