

Agenda for CSCE 531 class meeting of 2021-01-19 (Class 3: 1 of Week 2; 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	Ch.2 [W]; Ch.13 [M10]; Ch.1 [R]; Ch.1 [W];
3 (1/26,28)	Lexical Analysis	Ch.1 [M]; Chs. 2-3 [R]
4 (2/2,4)	Lexical Analysis	Ch.1 [M]; Chs. 2-3 [R]
5 (2/9,11)	Syntactic Analysis	Ch.2 [M]; Chs. 2-3 [R]
6 (2/16,18)	Syntactic Analysis	Ch.2 [M]; Chs. 2-3[R]
7(2/23,25)	Alex, Happy, and BNFC; Wellness Holiday	Ch. 2 [R]; Manuals
8 (3/2,4)	Scopes and Symbol Tables	Ch.3 [M]
9 (3/9,11)	Review (if time permits) and Midterm	
10 (3/16,18)	Interpretation	Ch.4 [M], Ch.5 [R]; Ch.8 [W]
11 (3/23,25)	Type Checking	Ch.5 [M], Ch.4 [R]
12 (3/30 & 4/1)	Wellness Holiday and Intermediate-Code Generation	Ch.6 [M]
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	

2. Check email to see whether students are emailing reports of trouble.
3. Ask student to use chat for questions and mute audio and video on their side, to limit clutter and bandwidth.
4. 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.
5. Syllabus and course administrative information.
6. Introduction of students and instructor.
7. Language processors and bootstrapping.
8. Compilation phases.
9. HW1 assigned, due 1/26. Exercises 13.1 and 13.2 [M10]. See the syllabus for reference [M10].
10. Make sure that the students are fine and wait for questions before ending the session.