# Agenda for CSCE 531 class meeting of 2021-01-26 (Class 5: 1 of Week 3; Online)

1. **Remember to record the session!**

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| **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)** | ***Introduction: Syntax, Semantics, and Language Processors* Lexical Analysis** | ***Ch.1 [R];* 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 |  |

1. Check email to see whether students are emailing reports of trouble.
2. Ask student to use chat for questions and mute audio and video on their side, to limit clutter and bandwidth.
3. 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.
4. Introduction of students and instructor.
5. HW1 assigned on 1/19, due 1/26. Exercises 13.1 and 13.2 [M10]. See the syllabus for reference [M10].
6. Compilation phases.
7. HW2 assigned, due 2021-02-02 (Tuesday): exercises 1-0, 1-1, 1-2 [R]. Note that the exercises in [R] are interspersed throughout the text; they are not at the end of chapters.
8. Lexical analysis: regular expressions.
9. Make sure that the students are fine and wait for questions before ending the session.