Agenda for CSCE 590 class meeting of 2020-10-01 (Class 13: 1 of Week 7; Online)

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

WEEK	TOPIC	SOURCE
1 (8/20, 8/25)	Introduction and the GHC Compiler and Haskell Platform	Chs. 1 and 2 [H]
2 (8/27, 9/1)	Types and Classes	Ch.3 [H]
3 (9/3, 9/8)	Defining Functions and List Comprehensions	Chs. 4 and 5 [H]
4 (9/10, 9/15)	Recursive Functions	Ch. 6 [H]
5 (9/17, 9/22)	Higher-Order Functions	[B] and Ch.7 [H]
6(9/23, 9/29)	Declaring Types and Classes and the Countdown Problem	Chs. 8 and 9 [H]
7(10/01, 10/6)	**Review and Midterm**	
8	Interactive Programming	Ch. 10 [H]
9	Two-person Games	Ch. 11 [H]
10	Functors, Applicatives, and Monads	Ch. 12 [H]
11	Monadic Parsing	Ch. 13 [H]
12	Foldables and Lazy Evaluation	Chs. 14 and 15 [H]
13	Reasoning about Programs	Chs. 16 and 17 [H]
14	Functional (Persistent) Data Structures	Instructor's Notes
	Final Exam: December 10, 9 a.m.	

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. Office hours are canceled until further notice. Please email me for meetings.
5. HW7: Exercises 1-10 Ch.7 [H], due on Tuesday, October 6.
6. **HW8: Exercises 1-8 Ch.8 [H], due on Thursday, October 8**. [This was changed with respect to the agenda circulated in class.]
7. The midterm will **not** be on Tuesday, 10/6. Note that the deadline for W is 11/4 and the midpoint of the semester is 10/12.
8. Two extended programming examples from Ch.7 [H] (Higher-Order Functions): Binary String Transmitter (7.6) and Voting Algorithms (7.7).
9. An extended programming example from Ch.8 [H] (Declaring Types and Classes): Tautology Checker (8.6).
10. Ch.9 [H]: The Countdown Problem.
11. Ch.5 [TFWH]: A Simple Sudoku Solver.
12. Make sure that the students are fine and wait for questions before ending the session.