

## Agenda for CSCE 590 class meeting of 2020-12-01, Class 27: 1 of Week 15; 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 & 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 & 5 [H]
4 (9/10, 9/15)	Recursive Functions	Ch. 6 [H]
5 (9/17, 9/22)	Higher-Order Functions	[B] & 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 the Countdown Problem (was: Review and Midterm)	Chs. 8 and 9 [H]
8 (10/08, 10/13)	<i>Midterm</i> and a Simple Sudoku Solver	Ch. 5 [TFWH]
9 (10/15, 10/20)	The Countdown Problem; Denotational Semantics	Ch.9 [H], Notes
10 (10.22, 10/27)	Interactive Programming and Two-person Games	Chs. 10 & 11 [H]
11(10.29, 11/3)	Two-person Games; Functors, Applicatives, and Monads	Chs 11 & 12 [H]
12(11/5, 11/10)	Functors, Applicatives, and Monads; Monadic Parsing	Ch. 12 [H]
13 (11/12, 11/17)	Functors, Applicatives, and Monads; Lazy Evaluation	Chs. 12 & 15 [H]
14 (11/19, 11/24)	Functors, Applicatives, and Monads; Lazy Evaluation; Reasoning about Programs (?)	Chs. 12, 15, &16 [H] (?)
<b>15 (12/01)</b>	<b>Reasoning about Programs</b>	<b>Ch. 16 [H]</b>
	Final Exam: December 10, 9 a.m.	

- 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.
- 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 fill out the student course survey on Blackboard.
- The final exam will be on December 10, Thursday; it will be assigned at 9am and due by the end of the day, with a time limit of 2.5 hours. I plan to place it in the departmental dropbox around 9am on December 10 and allow use of the same material as for the midterm: the textbook (referred to as [H]), the secondary textbook (referred to as [TFWH] in the course), the Haskell 2010 report, and *Real World Haskell*.
- Today is the last course meeting.
- HW14: Exercises 1-6 Ch. 15 [H], due on Tuesday, December 1. This is the last homework assignment.
- Section 15.7 [H]: Strict application.
- Ch. 16 [H]: Reasoning about programs.
- Make sure that the students are fine and wait for questions before ending the session.