

Which exam room to go to based on your discussion section.

ECEB 1002	SC 1404	DCL 1320	ECEB 1013	ECEB 1015
AYA 9am Yipu AYB 10am Xilin AYC 11am Xilin AYD noon Mitch AYE 1pm Ravi AYJ 1pm Shant	AYF 2pm Konstantinos AYG 3pm Robert BYE 3pm Jiaming	AYH 4pm Robert AYK 2pm Shant BYA 9am Zhongyi BYC 1pm Shu	BYB 10am Zhongyi BYF 4pm Jiaming	BYD 2pm Shu

Name:
NetID:

⇐ Please PRINT

- **Don't panic!**
- Please print your name, print your NetID, and circle your discussion section in the boxes above.
- There are five questions – you should answer all of them.
- If you brought anything except your writing implements, your double-sided **handwritten** (in the original) 8½" × 11" cheat sheet, and your university ID, please put it away for the duration of the exam. In particular, please turn off and put away *all* medically unnecessary electronic devices.
 - Submit your cheat sheet together with your exam. We will not return or scan the cheat sheets, so photocopy them before the exam if you want a copy.
 - If you are NOT using a cheat sheet, please indicate so in large friendly letters on this page.
- Please read all the questions before starting to answer them. Please ask for clarification if any question is unclear.
- **This exam lasts 120 minutes.** The clock started when you got the questions.
- If you run out of space for an answer, feel free to use the blank pages at the back of this booklet, but please tell us where to look.
- As usual, answering any (sub)problem with I don't know (and nothing else) is worth 25% partial credit. Correct, complete, but sub-optimal solutions are *always* worth more than 25%. A blank answer is not the same as I don't know.
- Total IDK points for the whole exam would not exceed 10.
- Give complete solutions, not examples. Declare all your variables. If you don't know the answer admit it and use IDK. Write short concise answers.
- **Style counts.** Please use the backs of the pages or the blank pages at the end for scratch work, so that your actual answers are clear.
- Please return **all** paper with your answer booklet: your question sheet, your cheat sheet, and all scratch paper.
- **Good luck!**