

Welcome to CS 101!

:-D ==



Dr. Chris Mayfield

Dr. Sharon Simmons

Dr. Michael Stewart

*Maybe don't unpack too much,
we're going to move around...*

Introductions



Dr. Chris Mayfield
Office hours: M/W/F 1:20pm–2:20pm



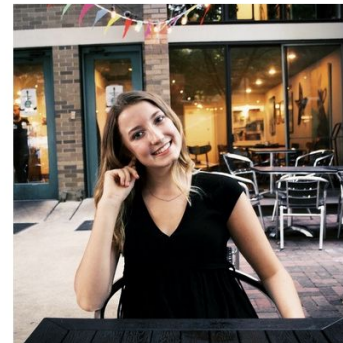
Dr. Sharon Simmons
Office hours: M/W/F 1:20pm–2:20pm



Dr. Michael Stewart
Office hours: Tu/Th 11:00am–12:15pm
and Wed 9:30am–12:00pm (noon)



Avery Higgins



Chelsea Le Sage



Teddy Pugh



Grant Schowalter



Becky Woods



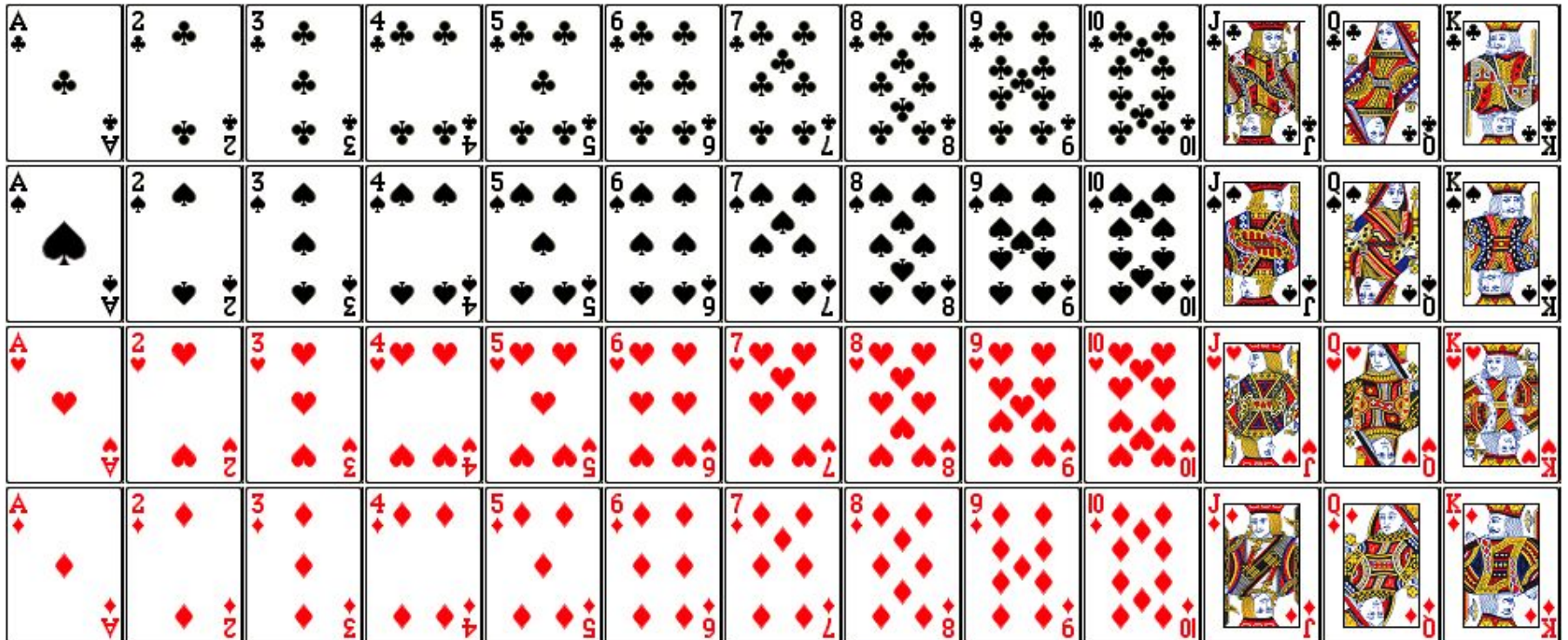
Cindy Zastudil

Sorting contest!

1. Get in groups of 3
2. Shuffle your deck
3. Trade with a neighboring group
4. Wait for the count
5. Work with your group to sort the deck as follows

Sorting contest!

Arrange your cards into this order:

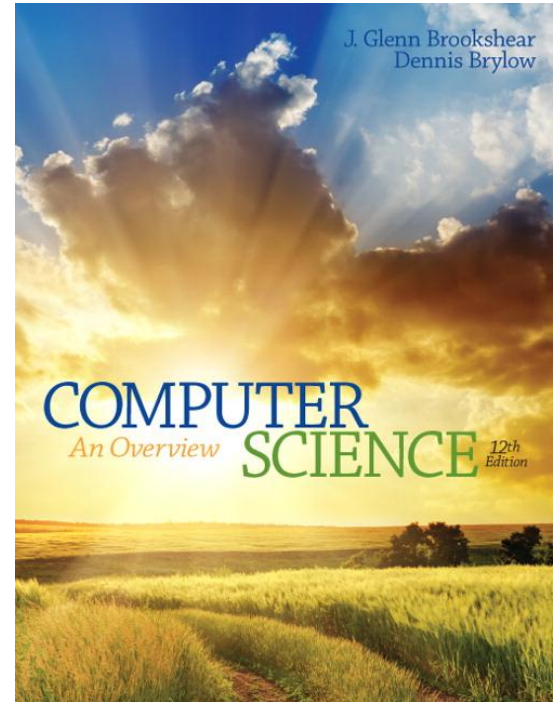


Vocabulary

- Algorithm
- Program
- Software
- Hardware

Section 0.1

- What limits do computers have?
- Gödel's incompleteness theorem?



Think-pair-share

What is Computer Science?

- Textbook: “The science of algorithms.”
- Wikipedia: “The scientific and practical approach to computation and its applications.”

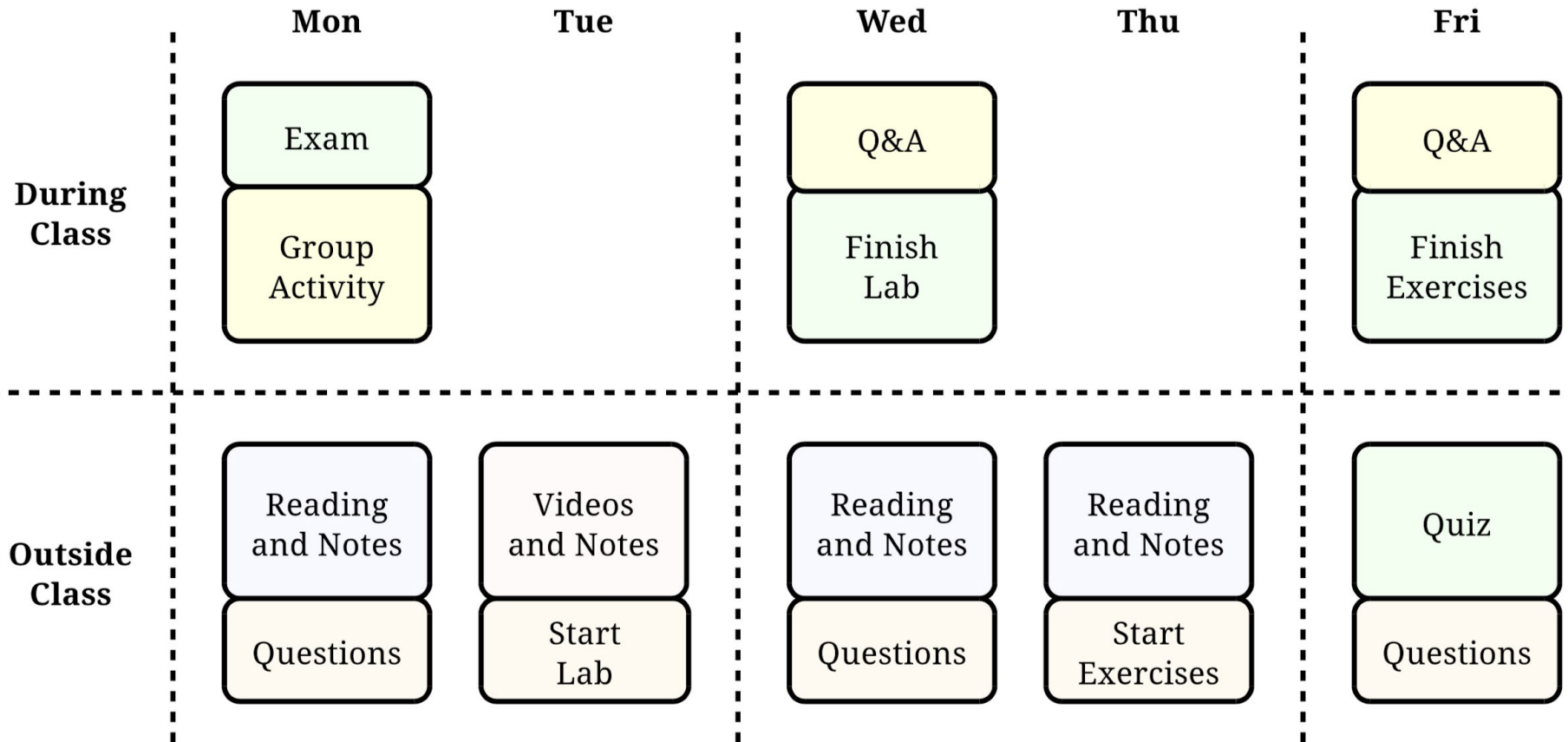
Why study Computer Science?

- YouTube: [Code - the new literacy](#)
- ACM: [Top 10 Reasons to Major in CS](#)
- Best Jobs: [US News](#) and [CNN Money](#)

Syllabus Q&A and Course Website



This is how we do it



Group Activity

(4 people -- odd rows turn around)



Homework

Wednesday

- ✓ **Notify professor if you do not have a laptop**
- ✓ “Before the Semester”
- ✓ Virtual Machine tutorial
(steps 1-2, as indicated)
- ✓ Lightbot lab (15-20 min)

Friday

- ✓ Read the book (Chap 0)
- ✓ Watch the videos (both)
- ✓ Complete the exercises