


Welcome to CS1316

Please visit t-square for the updated class website.

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Syllabus for Spring 2012

Week 1

Jan 9: Getting started.

- Bring your laptop if you want help setting up Java.
- Definitely bring an Internet-enabled device to log onto [Ubiquitous Presenter](#)
- Quiz 1 Released

Jan 11: Read Chapter 1 and 2 (Sections 2.1-2.2) before class.

- Starting with Java-Basics

Jan 13: Finishing Java - Basics

- Quiz 1 Due.
- Quiz 2 Released.

Week 2

Jan 16: **MLK Jr Day!**

Jan 18: Read Chapter 2 (Section 2.3) before class (C5)

- Java objects

Jan 20: Read Chapter 2 Sections 2.4-2.6 and Chapter 3 (Methods in Java: Manipulating Pictures) before class (C5)

- Starting Java media

- Quiz 2 Due

Week 3

Jan 23: Continue Chapter 3

- Homework #1 (Image Manipulation) Released
- Quiz 3 released

Jan 25: Read Chapter 4: Turtles before class

Jan 27: Continue Chapter 4: Turtles

- Quiz 3 Due

Week 4

Jan 30: Finish Chapter 4

- Homework #1 Due
- Homework #2 (Build a Collage) Released
- Quiz 4 Released

Feb 1: Read Chapter 5 (Arrays) before class

Feb 3: Continue Chapter 5 (CE21)

- Quiz 4 Due
- Homework #3 (Turtle Letters) Released

Week 5

Feb 6: Read Chapter 6 (Structuring Music) before class

- Homework #2 Due

Feb 8: Continue Chapter 6

Feb 10: MIDTERM

Week 6

Feb 13: Continue Chapter 6

- Quiz #5 released
- Homework #3 Due
- Homework #4 (Woven Music) released

Feb 15: Read Chapter 7 (Structuring Images) before class

Feb 17: Continue Chapter 7

- Quiz #5 due

Week 7

Feb 20: Continue Chapter 7

- Homework #4 Due
- Homework #5 (Repeating patterns of images) Released
- Quiz #6 Released

Feb 22: Read Chapter 8 (Trees of Images) before class

Feb 24: Continue Chapter 8

- Quiz #6 Due

Week 8

Feb 27: Continue Chapter 8

- Watch video on pair programming: <http://agile.csc.ncsu.edu/pairlearning/ppflash.php>
- Homework #5 Due
- Homework #6 (Doubly-linked lists) released - *First Pair-Programming Homework!*
- Quiz #7 Released

Feb 29: Read Chapter 9 (Lists and Trees for Structuring Sound) before class (SIGCSE)

March 2: Continue Chapter 9 (SIGCSE)

- Quiz #7 Due

Week 9

March 5: Finish Chapter 8 & 9

- Quiz #8 Released
- Homework #6 Due
- Homework #7 (Make a Movie) Released

March 7: Read Chapter 10 (Generalizing Lists and Trees) before class

March 9: Read Chapter 11 (ADT) before class

- Quiz #8 Due

Week 10

March 12: MIDTERM

March 14: Continue Chapter 11

- Homework #7 Due
- ~~Homework #8 (Picture Stacks and Sound Queues) Released~~

March 16: Continue Chapter 11

Week 11

March 26: Read Chapter 12 Before Class. Start Chapter 14

- ~~Homework #8 Due~~
- Homework #8 (Sprite Animation) Released

March 28: Read Chapter 14 (Greenfoot) before class

- <http://www.greenfoot.org/scenarios/files/foxes-and-rabbits.zip>
- Direct: <http://www.greenfoot.org/scenarios/3902> or [foxes-and-rabbits.gfar](http://www.greenfoot.org/scenarios/3902)
- [wombats.zip](http://www.greenfoot.org/scenarios/3902)
- [breakout.zip](http://www.greenfoot.org/scenarios/3902)

March 30: Continue Chapter 14

- Midterm re-do due

Week 12

April 2: Read Chapter 15 (Continuous Simulations) before class

- Homework #8 Due
- Homework #9 (Add the Hunters) Released
- Quiz #9 Released

April 4: Continue Chapter 15

April 6: Continue Chapter 15

- Quiz #9 Due

Week 13

April 9: Read Chapter 16 (Making a Simulation Package) before class

- Quiz #10 Released
- Homework #9 Due
- Homework #10 (Pandemics and Public Health) Released

April 11: Continue Chapter 16

April 13: Continue Chapter 16

- Quiz #10 Due

Week 14

April 16: Continue Chapter 16: FINALLY, making the wildebeests!

- Quiz #11 Released
- Homework #10 Due
- OPTIONAL Homework #11 Released

April 18: Read Chapter 17 (Discrete Event Simulation) before class

April 20: Continue Chapter 17

- Quiz #11 Due

Week 15 - Zombie Week

April 23: Finish Chapter 17, maybe introduce Chapter 13

April 25: Finish whole book

- OPTIONAL Homework #11 Due

April 27: Review for Final Exam, and Section 17.6

Final exam in week of April 30-May 4

MWF 12:00pm & 12:30pm 14 Exam Slot: May 4 (Fri) 11:30am - 2:20pm

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