Course Wrap-Up

CS 030

Associate Professor
Donald J Patterson

OVERVIEW

THIS COURSE WAS AN INTRODUCTION TO OBJECT-ORIENTED THINKING IN JAVA

Programming

3/6 - 3/10 (WEEK 9) ✖

Monday	Tuesday	Thursday
Ch 7 Homework Set	The Java Collections Framework Part 2	Read: Ch. 16
Ch 7 Programming	Little Shop of Horrors: The Meek Shall Inherit	More Java Collections Framework
		Burlap to Cashmere: Basic Instructions

3/13 - 3/17 (SPRING BREAK) ✖

Read: Ch. 13
Recursion Part 1

Set
Ch 18 Programming

4/10 - 4/14 (WEEK 13) ×

Tuesday

Recursion Part 2

Thursday

Read: Ch. 14
Sorting and Searching Part 1
Sorting Visualization
Faith and Learning:
We are what we build

"Either way, the nature of a system says something very clear about the people who create that system and what they value; just as much as how we use those systems, and what we tolerate in the behavior of those around us, says something very clear about us and what we value. It's a statement we make to everyone around us as well to everyone yet to come. This is our legacy, our message to the future about who we really are and what we truly value. We are what we build. It's long past time we started building wisely."

Friday

Ch 13 Homework Set
Drone ATC Challenge 1
1 company
1 drone with single capacity and unlimited range
10 locations
10 passengers

4/17 - 4/21 (WEEK 14) ×

Tuesday

Sorting and Searching Part 2

Thursday

Read: Ch. 17
Tree Structures Part 1

Friday

Ch 14 Homework Set
Drone ATC Challenge 2
multiple

OVERVIEW

- 15 weeks
  - Data types, Classes, Fundamental Data Types, Decisions, Loops, Arrays and Array Lists, Java Collection Framework, Basic Data Structures, Generics, Recursions, Sorting and Searching, Tree Structures, Graph Structures
- about 22 participation grades
- about 13 homework quizzes
- about 13 programming assignments (with multiple parts)
- 2 exams and a final!

Drone Project

END OF CLASS

- Final Exam Slot, Wednesday May 3rd (12pm to 2pm)
  - Will be approximately like a single exam
    - Approximately 50 multiple choice
    - Approximately 5 free answers
  - cumulative, but weighted more heavily toward the end of the class

Congratulations you have worked hard!

I hope you had fun!

Thanks!

I appreciate your attention, hard work and input.

It is an honor to be able to teach you.

See you at the final!

WESTMONT INSPIRED
COMPUTING LAB