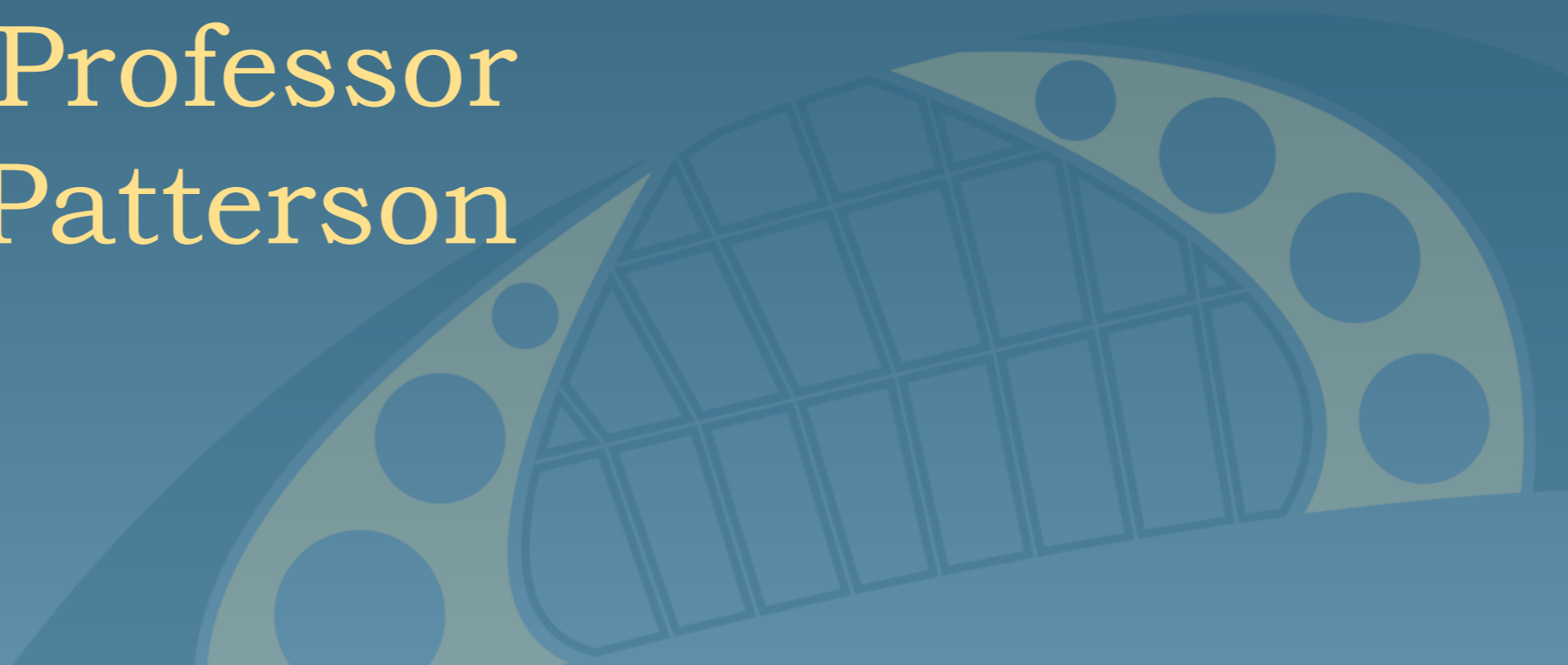


Course Wrap-Up

CS 030

Associate Professor
Donald J Patterson



OVERVIEW

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



3/6 - 3/10 (WEEK 9)		
<div>Monday</div> <div><div>Ch 7 Homework Set</div><div>Ch 7 Programming</div></div>	<div>Tuesday</div> <div><div>The Java Collections Framework Part 2</div><div>Little Shop of Horrors: The Meek Shall Inherit</div></div>	<div>Thursday</div> <div><div>Read: Ch. 16</div><div>More Java Collections Framework</div><div>Burlap to Cashmere: Basic Instructions</div></div>
3/13 - 3/17 (SPRING BREAK)		



📖

 Read: Ch. 13

🖥️

 Recursion Part 1

🔧

 Set Ch 18 Programming

4/10 - 4/14 (WEEK 13) ✕

Tuesday	Thursday	Friday
<div>🖥️ Recursion Part 2</div>	<div><div>📖</div> Read: Ch. 14</div> <div><div>🖥️</div> Sorting and Searching Part 1</div> <div><div>HD</div> Sorting Visualization</div> <div><div>🔥</div> 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."</div>	<div><div>✍️</div> Ch 13 Homework Set</div> <div><div>⚙️</div> Drone ATC Challenge 1 ⦿ 1 company ⦿ 1 drone with single capacity and unlimited range ⦿ 10 locations ⦿ 10 passengers</div>

4/17 - 4/21 (WEEK 14) ✕

Tuesday	Thursday	Friday
<div>🖥️ Sorting and Searching Part 2</div>	<div><div>📖</div> Read: Ch. 17</div> <div><div>🖥️</div> Tree Structures Part 1</div>	<div><div>✍️</div> Ch 14 Homework Set</div> <div><div>🔧</div> Drone ATC Challenge 2<ul style="list-style-type: none">🎯 multiple</div>

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!

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Thanks!

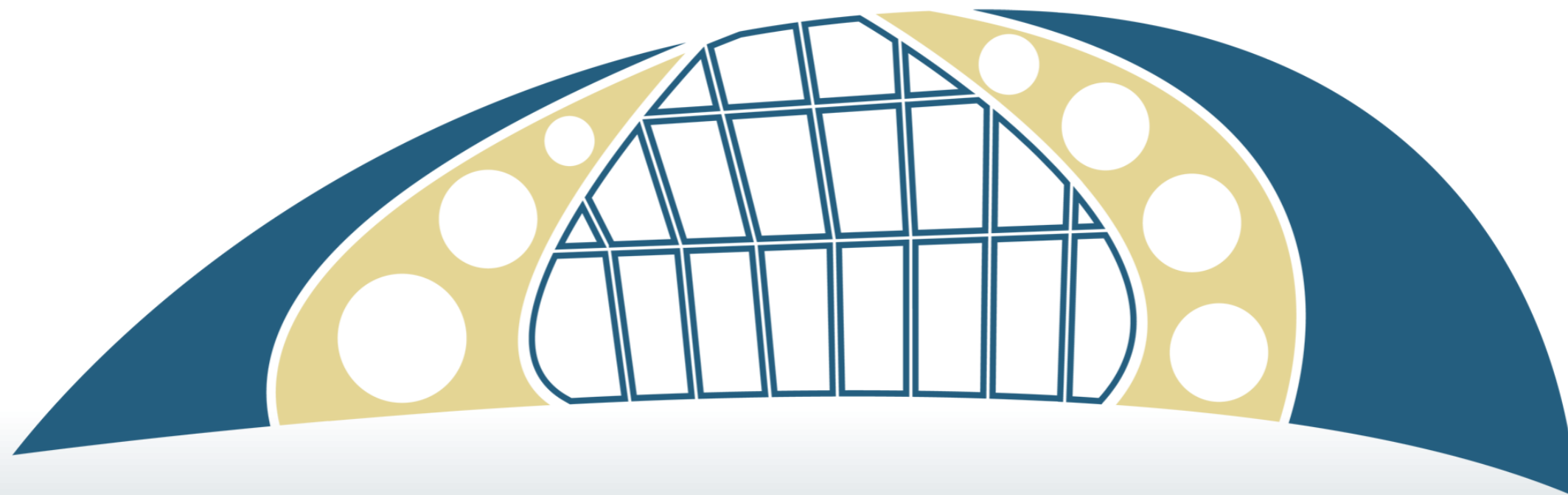
I appreciate your attention,
hard work and input.

It is an honor to be able to
teach you.

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See you at the final!





WESTMONT **INSPIRED**
— COMPUTING LAB —