

CS251L

INTRODUCTION

2010.8.23 | Derek Trumbo | UNM

CS251L

- Intermediate Programming (Java)
- MWF 11-11:50a, Room DSH 123, 3 sections:
 - ▣ Tuesday 11-11:50a, Room ESCP-110
 - ▣ Tuesday 12-12:50p, Room ESCP-109
 - ▣ Tuesday 3-3:50p, Room ESCP-109
- TA's: Joe & Jesse
 - ▣ Office Hours: TBD
- We'll use WebCT, not set up just yet

Contact Info

- Instructor: Derek Trumbo
- Email: derek.trumbo@gmail.com
- Office: Ferris TBD
- Office Hours: WF 12-12:50p
 - ▣ Or by appointment – probably done remotely

Topics

- CS 152 Repetition
- Objects Introduction
- Methods
- Inheritance
- Interfaces / Polymorphism
- Dynamic Data Structures
- Maps / Sets
- GUI's Introduction

Assignments & Grades

- Homeworks: 50%
 - ▣ 4 or 5 homeworks
- Midterm: 15%
- Final: 25%
- Section Participation: 10%
 - ▣ Participation based on attendance, mini-problems

Attendance

- Come to class and section (on time)
- Pay attention
- Ask questions in class
- Start assignments early
- Turn in assignments on time

Book

- The Java Programming Language, 4th ed.
- Ken Arnold, James Gosling, David Holmes
- ISBN: 0321349806
- Will be used as a reference book throughout the semester

Goals

- Prepare you for CS 351
- Make you comfortable with object oriented paradigms
- Make you comfortable using Java for large projects
- Make you familiar with Java built-in functions
- Give you some experience with created GUI's

- Excite you about the software profession

Introduction

- Class survey
 - Java, teachers, 2nd class?
- Software Development vs. Programming
- Programming fundamentals vs. language specifics
- Syntax Monster
- Tools

CS 152 Review

- Java data types
- Precedence, arithmetic operators
- Strings
- Comparison operators
- Decision & Iteration
- Methods
- Arrays