

Computer Science 18A - Java Programming: Objects

0 Introduction

Course: CSC 18A - Java Programming: Objects
Professor: Paul J. Conrad
Website: <http://pauljconrad.net>, <http://rccdopen-campus.blackboard.com>
EMail: Paul.Conrad@rcc.edu, Phone: 951-222-8070
Lecture: Thursday: 6:00PM-8:45PM in BE-104
Lab: Online
Office Hrs: Monday: 3:30PM-5:00PM in BE-220J
Tuesday and Thursday: 2:00PM-4:00PM in BE-220J
Prerequisite: None, Advisory: CSC 5 / CIS 5

1 Course Description

An introduction to Java programming for students already experienced in the fundamentals of programming. An emphasis will be placed upon object-oriented programming. Other topics include graphical interface design and typical swing GUI components. 54 hours lecture and 18 hours laboratory.

2 Reading

Required Text: Java How to Program, Late Objects Version, Tenth Edition
By: Paul Dietel; Harvey Dietel
ISBN-10: 0132575655, ISBN-13: 9780132575652

3 SLO - Student Learning Outcome

Student should be able to demonstrate an understanding of the Java IDE programming environment sufficient to write small to medium sized programs. Student should be able to demonstrate an understanding of the fundamentals of object-oriented development sufficient to create and use classes as the foundation of Java application programs.

4 Laboratory Assignments

Course lab assignments are programming problems from course website. Lab assignments are to be turned in via Assignment Submission on Open Campus with proper documentation of the lab assignment by the assigned due date. Lab assignments are worth 50 points each, with working programs being worth 30 points, and documentation being worth 20 points. Lab work turned in after the due date will be considered late and worth 1/2 credit until ONE WEEK after being assigned. Any later than that, it is worth zero credit.

5 Discussion Board Participation

As part of your course reading requirements, you will be required to participate in the Open Campus Discussion Board for our class. As a graded participation, you are to formulate two questions per chapter reading, **AND** answer at a minimum of two questions that other students have posted in the Discussion Board. This Discussion Board Participation is worth 20 points (5 points per question, and 5 points per answer).

6 Quizzes

There may be occasional weekly quiz on Thursday on Open Campus covering the discussed topics of the week. The quizzes will consist of five questions, worth 25 points total for the quiz. We will have approximately 10 quizzes throughout the semester.

7 Exams

There will be one comprehensive final examination. The Final Exam will be held on **June 2nd, 2016 from 6:00PM to 8:45PM in room BE-104**. The final exam will cover all of the material that is introduced in the course, and will include a Final Programming project. Final Exam is 100 points, and Final Project is 100 points.

8 Reading and Exam Schedule

The table below is the tentative reading and examination schedule for this semester.

<u>Week</u>	<u>Reading / In Class Objectives</u>	<u>Exam</u>
1 - Feb 18 th	Chapters 1/2 - Intro to Computers/Java Applications	
2 - Feb 25 th	Chapters 3/4 - Control Statements	
3 - Mar 3 rd	Chapter 5 - Control Structures/Methods	Quiz #1
4 - Mar 10 th	Chapters 5/18 - Methods / Recursion	Quiz #2
5 - Mar 17 th	Chapters 14/18 - Continuation of Recursion / Strings	Quiz #3
6 - Mar 24 th	Chapter 6 - Arrays	Quiz #4
7 - Mar 31 st	No Class - Holiday	
8 - Apr 7 th	Chapter 6 - More on Arrays	Quiz #5
9 - Apr 21 st	Chapter 7 - Classes and Objects	Quiz #6
10 - Apr 28 th	Chapters 7/8 - Continuation of Classes	Quiz #7
11 - May 5 th	Chapter 9 - Inheritance	Quiz #8
12 - May 12 th	Chapter 10 - Polymorphism	Quiz #9
13 - May 19 th	Chapter 11 - Exceptions	Quiz #10
14 - May 26 th	Chapters 12/13 - Introduction to GUI/Review for Final	
15 - Jun 2 nd	Final Exam (<u>June 2nd, 6:00PM to 8:45PM room BE-104</u>)	FINAL

*** Final Exam (Thursday - June 2nd) ** No Class on March 31st, 2016 - Holiday**

9 Make Ups

In general, there are no make ups of any kind. Exceptions can be made with proper documentation.

10 Grading Breakdown

<u>Task</u>	<u>Points</u>	<u>Grade Weight</u>
Assignments	50 pts each	30%
Quizzes	25 pts each	20%
Final Exam	200 pts	50%

11 Grading Scale

<u>Letter Grade</u>	<u>Percentage</u>
A	90% to 100%
B	80% to 89%
C	70% to 79%
D	60% to 69%
F	0% to 59%

12 Classroom/Lab Policies

You must show up to class prepared and ready to learn. **Be on time to class. Do not come into class if you are late.** Come to class prepared; reading and lab assignments should be completed as assigned. No food or drink is allowed in the classroom. Please bring something to write with and paper so that you can take notes. Computer and Network Use in department classrooms and labs are governed by district policies found in Board Policy 3720 and are subject to Standards of Student Conduct located in the Student Handbook. Violations of these policies are subject to Disciplinary Actions as outlined in Section VI of the Student Handbook located at: <http://www.rcc.edu/services/Documents/StudentHandbook.pdf>

13 Academic Dishonesty

RCC defines plagiarism as, "Presenting another person's language (spoken or written), ideas, artistic works or thoughts as if they were one's own." This includes using someone else's code as your own. Plagiarism is academically dishonest. Students must make appropriate acknowledgement of the original source where material written or compiled by another is used. Cheating or dishonest practices, such as turning in the writing of someone else and claiming it as your own, will result in your receiving a failing grade on the assignment and possibly for the course. **I take academic honesty very seriously, so do good honest academic work!**

14 Student Accommodations:

If you have a physical, psychiatric/emotional, medical, or learning disability that may impact your ability to carry out assigned course work, I urge you to contact the staff in the Office of Disabled Student Services at (951)222-8060. The office is located on the Riverside Campus, in the Administration Building. The DSP&S will review your concerns and determine with you what accommodations are necessary and appropriate. All information and documentation is confidential.