Spring 2012

CS 209: Computer Programming for Business II

Dennis Kellermeier
Wright State University - Main Campus

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CS 209 is the second of a two quarter sequence in programming for business students. It is required for Management Information Science majors. The courses are designed to help students achieve a high degree of facility in intermediate level programming.

Class Time: **6:05 pm to 8:35 pm on Tuesday in room 355 Russ Engineering Center**
Lab Time: **8:45 pm to 9:35 pm on Tuesday in room 355 Russ Engineering Center**
Instructor: **Dennis Kellermeier**
Email: **Dennis.Kellermeier@wright.edu**
Office: **160 Russ Engineering Center**
E-Mail: **dennis.kellermeier@wright.edu**
Office Hours: **5:00 - 6:00 Tuesday and by appointment**

Prerequisite: CS208 or equivalent

Text:

CourseSmart

Java Programming: From The Ground Up
by Bravaco, Ralph; Simonson, Shai
Publisher: McGraw-Hill Higher Education
Copyright Year: 2010
Publishing Date: 2009/01/26
eText ISBN-10: 0-07-727931-X Print ISBN-10: 0-07-352335-6
eText ISBN-13: 978-0-07-727931-8 Print ISBN-13: 978-0-07-352335-4

Exams:

There will be one midterm and one final exam.

- Make-up exams are given on a case-by-case basis.
- If you are unable to attend an exam, provide a good (and possibly documentable) reason before the exam.

Labs:

You must be signed up for the lab section for the course (cs209L sec 05).

Weekly lab assignments will be issued during lab sessions which will begin the first week of class. The weekly assignments are to be worked on in the lab and turned in at the end of the lab session (complete or not). Failure to attend the lab

will constitute no credit for that lab. The weekly lab assignments consist of simple coding problems, such as: completing the code for an application, writing portions of a java application, or designing a complete java application. There will be approximately 8 of these assignments, and they will be worth 50 points each.

Coding projects:

Each project will state the due date. The coding projects are worth 100 points each. See the lab instructor for a description of how the points will be distributed. You must earn at least 60% on each project and 75% of the total points on project assignments to pass this course (i.e. ***if you score less than 60 points on a project or you do not get 75% of the total points, you fail the entire course***).
Programming assignments are to be submitted on the due date. Late assignments will only be accepted for documentable reasons.
If you fail to get the required 60% on a project, a one week makeup period will be granted to allow you to complete your lab. A maximum of 60 points is allowed for a makeup project. The one week makeup period begins when the lab TA gets the grade posted for the project. The projects consist of coding java applications. Each project will present a java application question for which you will need to provide a design, testing matrix and working code.

Grading:

Grading is a straight 90 80 70 60 scale. Individual exams may be curved. The weights of the grades are:

- Homework 10%
- Labs 20%
- Projects 30%
- Exams 40%

Academic Dishonesty:

Violators will receive an F for the course and will have the college informed. Official university policy will be followed. You will work alone on your programming assignments. Feel free to exchange ideas with your peers, but do not use someone else's work (don't show other people your program and don't look at someone else's program.) If you share programs. All students involved will have their grades affected.

Class Attendance:

Attendance will be taken each class period. You must attend class. A sign in sheet will be provided and you must sign in. Do not sign in someone else not in the classroom. Three unexcused absences will be a decrease of 10% of the final grade. You must provide a documentable reason for an excused absence.

Tentative Class Schedule:

The following is a tentative class schedule. It is subject to change, based on feedback from the class and other factors.

Week	Date	Topic	Chapter
1	03/27	**Lecture:** Methods **Lab 1:** Methods	Chapter 6
2	04/03	**Lecture:** Methods/Arrays and lists **Lab 2:** Arrays	Chapter 6 & 7
3	04/10	**Lecture:**Arrays and lists **Project 1:** Arrays	Chapter 7
4	04/17	**Lecture:** Object & Classes I **Lab 3:** Objects	Chapter 9
5	04/24	**Lecture:** Object & Classes I & II **Lab 4:** Objects	Chapter 9 & 10
6	05/01	**Midterm Exam:**Chaps 6,7,9,10 **Project 2:** Objects	Chapter 6, 7, 9 & 10
7	05/08	**Lecture:** Inheritance **Lab 5:** Inheritance	Chapter 12
8	05/15	**Lecture:** Inheritance **Project 3:** Inheritance	Chapter 12 & 13
9	05/22	**Lecture:** Wrappers and Exceptions **Lab 6:** Exceptions	Chapter 14
10	05/29	**Lecture:** Wrappers and Exceptions **Project 4:** Exceptions(File I/O)	Chapters 6, 7, 9, 10, 12, 13, 14
11	06/05	**Final Exam:**Chaps 6,7,9,10	Chapters 6, 7, 9, 10, 12, 13, 14

All Students are **REQUIRED** to attend the Final Exam.