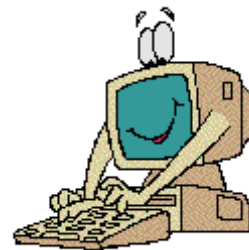


Fall 2009



www.sdmiramar.edu



CISC 190 Java Programming

Professor John J. Couture
My email address is fall09@jcouture.net

No campus section this semester, none, none, none
CRN 99421, Online, Online, Online

Computer Lab Times / My Lab Times

Updated: 07/08/2009

Catalog Course Description:

This course is an introduction to programming using Java. The course covers the fundamentals of object-oriented programming utilizing the Java programming language for general purpose business programs and interactive World Wide Web-based Internet programs. (FT) Transfer Credit: CSU and/or private colleges and universities.

Course Objectives:

1. Diagram flowcharts for the purpose of constructing decision structures, accepting keyboard input, and nesting "if" statements for Java program.
2. Create and test Java programs that use arrays.
3. Apply knowledge of general categories to more specific objects using the inheritance principle to create Java programs.
4. Use paint and repaint, drawString, setFont, and setColor methods to create graphics objects and draw lines, rectangles, and ovals in Java programs.
5. Design, compile, and test Java programs that display objects, patterns, and words.
6. Create methods that carry out tasks using Java programming.
7. Employ the use of blocks within a method to create Java programming codes.
8. Create and use an HTML document to host an applet.
9. Employ the abstract method to create arrays of subclass objects in Java programs.
10. Apply inheritance concepts to create frames and applets with frames.
11. Design Java programs using layout managers and event models to align program components.
12. Create a Java program that employs exception handling as an object-oriented technique to manage program errors.
13. Design Java programs that employ the use of file classes to gather file information for the programs.
14. Describe multithreading and list the components of the thread lifecycle.

How will you be evaluated:

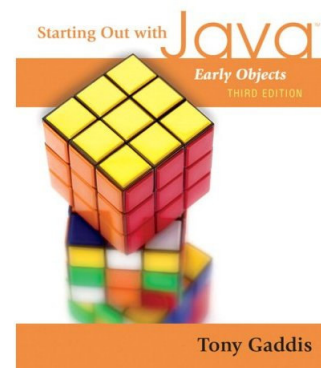
- Design and Development of programs
- On-Time Program Completion
- Documentation Design and Development
- Understanding of concepts in Java
- Program neatness
- Weekly Quizzes
- No final exam

Books & Supplies

Starting Out with Java: **Early Objects, 3rd Ed**

Tony Gaddis
ISBN: **978-0321497680**

Please Note: The Java compiler and JGrasp are free and downloadable. Also, this course is designed around the Windows XP Operating System. I do not have the expertise to help students with Mac or Linux systems.



Grading Scale:

- Letter grades will be based on numeric points earned on quizzes and assignments. The San Diego Community College District has only five ordinal letters and I assign them as follows: 90+=A, 80+=B, 70+=C, 60+=D, Less than 60 = F. This district does

not have grades such as B+ or B-.

- Incompletes will only be allowed if a student has already earned over 70 percentage points and are faced with an extraordinary situation beyond his/her control. Also, a student opting for an Incomplete cannot receive a final grade of "A" under any circumstances.
- In addition to testing your knowledge of the subject, the weekly quizzes will be used for attendance purposes. This means that the quiz will be available online for a little over a week and there will not be any make-ups. If you miss the quiz, you will receive a zero. The quizzes comprise about 30% of your final grade.
- Assignments will have specific due dates. If you turn in an assignment past that due date, you loose half of the points for that assignment. Thus, even if you are late by a couple of hours, you loose the points.
- There is no mid-term nor final exam for this class. Programming assignments count for the remaining 70% of your final grade and each assignment requires skills from previous chapters and assignments.
- In general, a student will have to get **all** quizzes and assignments in **on time** of **exceptional quality** in order to receive a passing grade.

Attendance Requirements (both Web and Campus Courses):

According to District policy, a student may be dropped or receive an "F" after absences exceed 6% of the total hours for the term. At the end of the second week we have to verify to the district office how many students are actively participating in the course. In this online course, students will validate their attendance by completing weekly online quizzes. Thus, make sure you log into WebCT and complete each quiz on time or you will be dropped. To ensure a student does not receive an "F" for non-attendance, he/she must drop the class before the 10th week.

Additional Attendance Requirements for the Campus Courses:

In the **campus course**, it is expected that the student will attend each and every class meeting however I understand that you have responsibilities and emergencies beyond your control. Please let me know via email when you are going to be absent for more than one class session. Regardless, you are responsible for keeping current on your assignments, reading and taking of quizzes as there are no makeups or extra credit assignments.

- Definitions: **Census Date** for Fall 2009 is **09/04/2009**, **Withdrawal Deadline** for Fall 2009 is **10/30/2009** as stated at http://studentweb.sdccd.edu/docs/fall_matrix.pdf.
- Students are counted for census purposes through the **Census Date** which is the end of the second week of classes.
- Faculty are required to drop students who are "no shows" or who have stopped attending up to the **Census Date** using the online drop sheet.
- Faculty will continue to drop Veteran and Financial Aid students in a timely manner and enter the last date of known activity in order to comply with regulations. Students using Veterans' Benefits for their education are designated on the roster with the code "FED"
- It is the instructor's discretion to withdraw a student after the **Census Date** due to excessive absences.
- **It is the student's responsibility to drop all classes in which he/she is no longer participating (online classes) or attending (campus classes).**
- It is the instructor's discretion to withdraw a student after the **Census Date** due to excessive absences.
- Students who remain enrolled in a class beyond the published **withdrawal deadline**, as stated in the class schedule will receive an evaluative letter grade in this class.
- The final grade in this class will be affected by the timely completion of online quizzes and the timely completion of assignments.