CS 5336 Programming Projects in JAVA.

Programming in JAVA Overview of object-oriented programming. Implementation of object-oriented designs using the JAVA programming environment. Emphasis on various aspects of interactive and Internet programming.

INSTRUCTOR:	Martha Sanchez
E-MAIL	Use WebCT e-mail.
WWW	It is important to visit the course web page and WebCT frequently to check announcements, homework, activities, tips, FAQ, links, etc. http://www.utdallas.edu/~Martha.Sanchez http://webct.utdallas.edu
OFFICE:	ECSS 3.703
OFFICE HOURS:	Monday and Wednesday 7:00 – 8:00 PM (in my office) Monday and Wednesday (at OUGA. ECSS - Suite 2.502) 3:30 – 5:30 PM
TEXTBOOK:	Liang, Daniel. ***Introduction to Java Programming.*** Fourth Edition. Prentice Hall.
OBJETIVES:	After successful completion of this course, the student will have the ability to: 1. understand basic problem solving techniques 2. apply OOP concepts 3. design and implement a Java application 4. draw on-screen graphics 5. create graphical user interfaces 6. use file input/output – text files 7. use file input/output – object files 8. use multimedia elements 9. create a client-server application
METHOD OF EVALUATION:	Exam 1 20% Exam 2 20% 1 Project 20% 6 Homework assignments 30% Quizzes 10% **Important Note: The student must obtain an average of 60/100 points on the exams to have a passing grade for the course.**
LETTER GRADES:	A 90 –100 B 80 – 89 C 70 – 79 D 60 - 69 F Below 60
AUDITING COURSES:	No auditing of courses is allowed in the School of Engineering and Computer Science.
2005 DATES, Summer SEMESTER:	May 16 Classes begin May 26 Drop a class without "W": May 30 and Jul 4 No classes Jul 25 Last day of classes for the Summer 2005 term Jul 26 – Aug 1st Final examinations for the Summer 2005 term

CLASS POLICIES	**HOMEWORK and ACTIVITIES**
	- You must <u>upload</u> and <u>submit</u> your homework using <u>WebCT</u>. Read the rules and specifications in the web page for every homework and activity.
	- Homework is due on the specified date no later than 11:00 PM (WebCT time).
	- Homework will be accepted one day late with a 10% penalty.
	- After one day, if not submitted, assignments will receive a grade of zero.
	- Every time you submit homework through WebCT, WebCT will send you an e-mail acknowledgement. You must keep this e-mail for your records until the end of the semester and the final grade has been assigned. You will use it in case any homework submittal issue arises. **Note: If you do not receive an acknowledge e-mail, WebCT has not received your homework and it will be considered as not submitted. The e-mail address requested by WebCT for confirmation is your own, not the professors'**
	EXAM
	- **Exam dates are fixed**. I will not change these dates for any circumstance. I will not move up any exam date. **No makeup exams** at a later/earlier date will be scheduled for any student unless a written medical note is provided.
	- The exam may have two parts, please check the web page for announcements **and attend class** to check the procedures to follow in order to present the exam.
	GENERAL
	I expect the student to **come to class**, study the materials and textbook and do the homework, activities and exams.
	It is the **student's responsibility** to check what we covered in class and the announcements during class if he or she did not attend.
	The best way of learning a Programming Language is by practicing it. You can acquire a good programming level by doing all examples from the textbook.
	The course is very **time demanding**. **Plan ahead** all your activities and if you have any problem with your homework or your study, do not hesitate to ask questions to the TA or the Instructor. Do not wait until you have a bad grade.
	It is important to read The University of Texas System Policy on Academic Honesty that appears in the Regents Rules and Regulations. *, Part One, Chapter VI, Section 3, Paragraph 3.22.* "Any student who commits an act of scholastic dishonesty is subject to discipline. Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another, any act designed to give unfair advantage to a student or the attempt to commit such acts".

Class Schedule

Topics
Java environment and JVM Notes from the instructor
Methods and Arrays Tutorial from the instructor
Objects and classes, Tutorial from the instructor
Class Inheritance and Interfaces
GUI programming
Input and Output and collections
Networking or Servlets (optional)

Homework:	
1. Methods and Arrays	TBA
2. Objects and classes	TBA
3. Class Inheritance and Interfaces	TBA
4. OOP	TBA
5. GUI	TBA
6. Files	TBA

Exams:	
Midterm. topics 1, 2 and 3	Jun 20
Final. topics 4, 5 and 6	6:00 pm Wednesday, July 27

Final Project:	
Due date: on WebCT	July 24. 11:00 PM. WebCT
Final Project Presentation: Same classroom.	July 25. 8:00 – 10:00 PM

Important: The dates in this schedule may change due to the class level. If the class needs more time and examples to understand a concept I will modify the schedule. If the class is ready to skip a chapter or go faster I will modify the schedule. Therefore, it is the **student's responsibility** to check what we covered in class and the changes in the schedule announced during class.