CSC 2310 Principles of Computer Programming I

Spring 2010
MW 5:30 pm - 6:45 pm
Classroom South 301

Instructor: Serghei Mangul

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Course Home Page: http://cs.gsu.edu/~serghei/csc2310
Prerequisite: CSC2010 with at least grade C.

Catalog Description

Fundamental principles of computer programming. Expressions, procedures, variable types, data, input/output. Emphasis on structure and clarity as well as correctness.

Course Content

This course introduces the fundamental principles of computer programming using Java.

The following topics will be covered:

- Writing and Executing Java Program (Chap.1, Chap.2)
- Control Structures (Chap.4, Chap.8)
- String, Array, Primitive Types (Chap.3, Chap.5, Chap.9)
- Class, Object, Subclasses (Chap.3, Chap.7, Chap.10)
- Graphics (Chap.6)
- If time permits: Subclasses (Chap. 11), AWT (Chap. 12), Data Structures (Chap. 13).
**Attendance Policy**

Daily attendance is mandatory. Missing more than 5 classes will result in grade F, unless the absences are approved by the instructor. It is the responsibility of the students to obtain all the materials covered and assigned in class.

Disruptive classroom behavior (like talking to each other, eating in class or not turning off/setting to vibration cell phones) will not be tolerated. You may be withdrawn from the class due it.

**Grading Policy**

Final grade is based on the performance at Three Exams (65%):
- Midterm I (20%)
- Midterm II (20%)
- Final Exam (25%)
Quizzes (15%)
Assignments (20%)

The calculation of final grade is done due to the GSU Computer Department’s policy on computing final weight average: "It is the policy of the Department of Computer Science that each instructor of record of any 1000-, 2000-, or 3000-level computer science course compute each student’s final course score so that the student’s performance on any/all work done outside of class and submitted for a grade cannot raise the student’s final course score but can lower it. In this context, the final course score, [or final weight average], is the numerical percent that is mapped into the letter grade for the course."

Thus, your Final Weight Average is the minimum of your Total Weight Average (TWA) and your In-class Weight Average (IWA).

**Example**

If you receive: 18% on Midterm I, 15% on Midterm II, 25% on Final Exam, 14% on Quizzes (the lowest quiz grade is not included) and 10% on all assignments, then your **TWA** = ((18 + 15 + 25 + 14 + 10)/100)*100 = 82%
your **IWA** = ((18 + 15 + 25 +14) / 80)*100 = 90%
Your final weight average = min(TWA, IWA) = min(82%, 90%) = 82%. 
Your final weight average will be used to determine your final letter grade using the following scale:

- A = [90%, 100%]
- B = [80%, 90%)
- C = [70%, 80%)
- D = [60%, 70%)
- F = [0%, 60%)

An average of 89 guaranteed to be at least a B, because it falls between 80 and 90. There is a possibility that an average of 89 will be B+, A-, or A, depending on the performance of the class as a whole.

Note

In general, quizzes, exams and assignments will be graded and returned in one week; otherwise, students will be notified. It is the student's responsibility to check any given grade and make complaints within at most one week after the grades are announced. Grades will not be changed afterwards.

Assignment Submission

Assignments must be turned in (in class) by the first 5 minutes of the class at the due date and sent to instructor's email before the class; otherwise, your submission will be considered late. Paper submissions must be typed and stapled. If it is a programming assignment, paper submission should include description of program, source code (.java), input and output files (if any).

Email submissions should have [CSC2310], your name and assignment number in the subject line of email. For example “[CSC2310] Serghei Mangul Assignment1”. Otherwise email submission will not be considered. Program assignment should be attached to e-mail as zip or rar file and contains source codes (.java), compiled sources (.class), the program input and output (if any). If you import (use) your own class files or package then add the files and directories to the zip (rar) file too.

Late submission penalty

10% penalty for one day late; 20% penalty for two days late; 50% penalty for 3 - 7 days late. No assignments will be accepted later.
**Makeup exams**

In case of an accident or an illness, makeup exams can be scheduled if you supply an original signed letter from a physician, hospital or relevant authority, stating the reason why you could not take exam at the scheduled date. Missed exams, quizzes and assignments will be graded as 0 (zero). If Georgia State University is closed for any reason, test dates and assignment due dates will be re-scheduled on the next class day. In this case information will be posted on web site.

**Policy on Academic Honesty**

1. All assignments and tests are supposed to be individual work and any collaboration or cheating would result in a zero score.
2. Dishonest work will result in an automatic F grade for the class and the Dean of Students office will be notified.
3. It is the responsibility of each student to protect his/ her work from being extracted by others. All similar assignments will automatically get zero.

Please refer to the Policy of Academic Honesty (Section 409).

**Withdrawals**

Please refer to the official GSU Calendar for last day to withdraw without receiving an automatic WF.

**Remark**

Please check academic calendar for any important dates, including registration, tuition fee deadline, withdrawal deadline, holidays.

**Note**

Your constructive assessment of this course plays an indispensable role in shaping education at Georgia State. Upon completing the course, please take time to fill out the online course evaluation.

Students who wish to request accommodation for a disability may do so by registering with the Office of Disability Services. Students may only be accommodated upon issuance by the Office of Disability Services of a signed Accommodation Plan and are responsible for providing a copy of that plan to instructors of all classes in which accommodations are sought.

**The course syllabus provides a general plan for the course; deviations may be necessary.**