

**CSC 3210 Computer Organization and Programming**  
**Spring 2011 (Computer #10399)**  
**1:00 – 2:15 TTh**

**Room #509 Classroom South Building**  
<http://www.cs.gsu.edu/~cscagb/csc3210>

**Instructor:** Dr. Anu Bourgeois

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**Office Hours:** 2:30 – 3:30 TTh and by appointment  
(Office hours may have to be cancelled at times. Notice will be given.)

**Prerequisites:** CSC 2310 (Principles of Computer Programming I)  
CSC 2510 (Theoretical Foundations of Computer Science)

**Course Description:**

Computer structure and machine language, addressing techniques, Macros, file I/O, program segmentation and linkage.

**Textbook:** Richard P. Paul, “*SPARC Architecture, Assembly Language Programming, and C*,” 2<sup>nd</sup> Edition, Prentice Hall, 2000.

**Material covered from textbook:**

Chapter 1	Introduction to Computer Architecture (excluding 1.6)
Chapter 2	SPARC Architecture
Chapter 3	Digital Logic and Binary Numbers
Chapter 4	Binary Arithmetic (excluding 4.10-4.11)
Chapter 5	The Stack
Chapter 7	Subroutines
Chapter 8	Machine Instructions
Chapter 10	Introduction to Input/Output

**Attendance:** Student is allowed up to three (3) absences. Roll will be taken during class, and a late student will be counted as absent. If a student has greater than three absences, then the instructor may drop the student from the class or drop the final grade by one letter grade. Any student missing a lesson is responsible for all material assigned or covered in class during his or her absence. Do not send me an e-mail asking what was covered in the class missed.

**Grading Policy:** The grades for this course will be based upon the following components and will be awarded based upon the 10 point scale:

1. Exam #1 (Tentatively February 17 <sup>th</sup> )	20%
2. Exam #2 (Tentatively March 24 <sup>th</sup> )	20%
3. Final Exam (April 26 <sup>th</sup> 10:45 – 12:45)	20%
4. Quizzes (approx. 5)	20%
5. Assignments (approx. 5)	20%

### **Other Policies:**

1. Make-up exams must be arranged prior to the scheduled date and will be allowed only at the discretion of the instructor. There will be no make-up quizzes.
2. All assignments must be turned in at the start of class. Assignments turned in later in class, even if on the date of the deadline, will be considered late.
3. The penalty for late assignment submissions is 20% and must be turned in by the start of the next class following the deadline. No assignments will be accepted after this time.
4. Policies 2 and 3 do not apply if the assignment is an in-class assignment. In this case, the assignment must be completed during the allocated time.
5. Any material submitted for work should be the student's own work. Duplicate assignments will receive a grade of zero. Any student found to be cheating on any graded work will receive a score of zero. The Dean of Students office will also be notified. Refer to the university policy.
6. All re-grading requests must be made within two classes of when the work was first returned in class.
7. Cell phones must be turned off during class – this includes no texting. First violation receives a warning. All succeeding violations result in a ten point deduction off the final exam. Any violation during a quiz or exam results in a ten percent deduction off the corresponding paper. No warnings for quizzes or exams.
8. All exams and quizzes will be proctored by an experienced instructor.
9. Seat assignments may be issued for any exams or quizzes, as may multiple, but equivalent papers.
10. Different room assignments may be used for exams.

**Last date to withdraw:** Friday, February 25<sup>th</sup>, 2011

**Note:** This syllabus represents a general plan for the course. Deviations from this plan may be necessary at any time during the course.