CSC 3210 Computer Organization and Programming  
Fall 2013 (Computer #80254)  
2:30 – 3:45 TR  
Room #306 Class Room South  
http://cs.gsu.edu/~cumoja1/3210

Instructor: Chinua Umoja – cumoja1@gsu.edu

Teaching Assistants:  
Shakthidhar Gopavaram - sgopavaram1@student.gsu.edu  
Danial Aghajarian - daghajarian1@student.gsu.edu

Office:  
Umoja 25 Park Place – 6th Floor 0641C (TR)  
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Gopavaram 34 Peachtree – 14th Floor 1437  
Aghajarian 25 Park Place – 6th Floor 0652E

Office Hours:  
Umoja By appointment  
Gopavaram TR Noon – 1:00pm  
Aghajarian W 9:30am -11:30am

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  

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
Attendance: Student is allowed up to two (2) 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. Exams (approx. 3) 50%
2. Final Exam (December 12th 1:30 – 4:00) 20%
3. Quizzes (approx. 5) 15%
4. Assignments 15%

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 by 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. 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.
5. All re-grading requests must be made within two classes of when the work was first returned in class.
6. 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.
7. All exams and quizzes will be proctored by an experienced instructor.
8. Seat assignments may be issued for any exams or quizzes, as may multiple, but equivalent papers.
9. Different room assignments may be used for exams.
Students with Disabilities:

The Special Services Disabilities Program Office provides counseling and advocacy for eligible students with disabilities (auditory, visual, orthopedic, medical, or learning disabilities). Requests for special accommodations need to be submitted to the lecturer at the beginning of the course in order to adequately meet student needs. The Special Services Program Office (Room 230 Student Center. Phone 404 413-1560) has the proper forms you need to turn in to instructors.

Last date to withdraw: Tuesday, October 15th, 2013

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