Report ICOM 4215: Computer Architecture and Organization, Fall 2010
Project III: Due on December 29, 2010

Please include in the report the following elements:

	Points
1. Title page containing university, department, title, names, date	5
2. Summary or abstract: A brief description of the project, including what has been designed, the approach taken to work on the ALU design, and outcomes.	10
3. Introduction: background information. Contains description of the system, instruction set corresponding to ALU instructions, and all assumptions	10
4. Design: What is the architecture for your design? What were the criteria used for the design? How does it work? Describe its components in details. Include a block diagram. Include an interconnection diagram.	25
5. Method: How you and your partner divided the tasks? How did you test the design? Did you make any changes due to unexpected outcomes?	10
6. Results and Discussion: Show the results of the simulation. Discuss each component simulated and the corresponding instructions. Discuss the diverse cases tested. What were some constraints? What did you learn?	10
7. Conclusion: Summarize results. How would you improve the ALU? What would you add or delete?	5
8. References: references used to back up the work (use them within the text)	5
9. Appendices: Additional information required not suitable for the body of the report	5
10. Professional appearance and organization	5
11. Grammar and composition	5
12. Language and vocabulary	5

NOTE: Length: no more than 10 pages.

Project Report is 50% of your grade for project 1.
Project Happy Hour is the other 50% of your grade.

Happy Hour evaluation:
Is the ALU working properly? Do all components work as expected? ____YES   ____ NO
If the answer is NO, STOP. Your Happy Hour grade is ZERO. If the answer is YES, proceed.

Aspect of the project where the student spent most of the time: _____
1. Her/his part is a significant effort contribution to the whole project. (30%)
2. Comments and documentation of his/her part. (20%)
3. Understands the project in general. Knowledge and experience on the topic related to his/her part. Management of questions. (30%)
4. Her/his part has been completed. (20%)