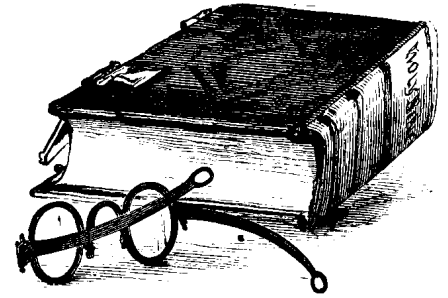


Professor: Peter M. Maurer  
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Phone: 974-4758/760-0276  
Hours: TR 10:00-11:00AM  
Email: [maurer@csee.usf.edu](mailto:maurer@csee.usf.edu) (preferred)  
Text: Principles of Computer Hardware, by Alan Clements



Homework is due at the beginning of class. No late homework will be accepted. (This means that if you arrive late for class, your homework **will not** be accepted.) Do not arrive late for class or leave early. Exam dates are listed below, no makeup exams will be given. Grading: Homework: 5%, Exam 1: 25%, Exam 2: 30%, Final Exam: 40%. The final will be given at the scheduled time during final week, and will be comprehensive.

Schedule:

- |             |  |      |
|-------------|--|------|
| 1. Aug 24   | Introduction to Hardware                   | Ch 1 |
| 2. Aug 26   | Introduction to Hardware                   |      |
| 3. Aug 31   | Basic Gates                                | Ch 2 |
| 4. Sept 2   | Boolean Algebra                            |      |
| 5. Sept 7   | Boolean Algebra                            |      |
| 6. Sept 9   | Boolean Algebra                            |      |
| 7. Sept 14  | Computer Arithmetic                        | Ch 4 |
| 8. Sept 16  | Computer Arithmetic                        |      |
| 9. Sept 21  | Computer Arithmetic                        |      |
| 10. Sept 23 | Computer Arithmetic                        |      |
| 11. Sept 28 | Review                                     |      |
| 12. Sept 30 | <b>Exam #1 (Ch 1, 2 4)</b>                 |      |
| 13. Oct 5   | Central Processing Unit                    | Ch 5 |
| 14. Oct 7   | Central Processing Unit                    |      |
| 15. Oct 12  | Central Processing Unit                    |      |
| 16. Oct 14  | 68000 Intro & Registers                    | Ch 6 |
| 17. Oct 19  | 68000 Addressing Modes                     |      |
| 18. Oct 21  | 68000 Addressing Modes                     |      |
| 19. Oct 26  | 68000 Instruction Set                      |      |
| 20. Oct 28  | 68000 Instruction Set                      |      |
| 21. Nov 2   | 68000 Subroutines and Stack                |      |
| 22. Nov 4   | Review                                     |      |
| 23. Nov 9   | <b>Exam #2 (Ch. 5, 6)</b>                  |      |
| 24. Nov 16  | Input/Output                               | Ch 8 |
| 25. Nov 18  | Input/Output                               |      |
| 26. Nov 23  | Memory                                     |      |
| 27. Nov 30  | Memory                                     |      |
| 28. Dec 2   | Review for Final                           |      |
| <b>29.</b>  | <b>See Schedule of Classes: Final Exam</b> |      |

