Overview

- Information Sources
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Information Sources

- Course homepage
  - [http://courses.engr.wisc.edu/ecow/get/ece/352/kime/](http://courses.engr.wisc.edu/ecow/get/ece/352/kime/)
  - Important source for new and updated information
  - Site Map useful if you can’t find something
- E-mail – important critical information
- Course Description handout
- Course Conduct handout
- Course Staff handout
- Course Outline handout

Course Description (Handout)

- Basic course information
- **Prerequisite** – just need to know a bit of programming in procedural language
- **Textbook** – must be 2nd Edition or 2nd Edition Updated
- **Computer Usage** – Unix workstations at CAE
- **Homework** – Essential for quiz/exam prep
- **Grading** – 4 quizzes: 60%; 3 Projects 20%; Final 20%
Course Conduct (Handout)

• Critical info for doing well in course – Be familiar with it!
• CAE
  ▪ Unix introductory tutorials from CAE
  ▪ Mandatory Tutorials from 352 staff – signup
• Project – Teams of two and graded
• Quizzes and Final Exam
  ▪ Note rules
  ▪ Note final date and plan to be there

Course Conduct (Continued)

• Discussions – Given only during weeks of quizzes
• Help sessions – Given during weeks projects due
• Consultation
  ▪ Office hours – see course homepage for up-to-date version
  ▪ E-mail: For technical questions, use ece352@cae.wisc.edu! Please do not mail TAs or me. For other questions, may mail TA or me.
Course Conduct (Continued)

• Resources for Special Help
  ▪ McBurney Center – alternative testing or other arrangements
  ▪ Course problem consultation: me
  ▪ Broader problem consultation: advisor or counselor

• Academic Misconduct
  ▪ Review statement on conduct
  ▪ We will be monitoring

Course Staff (Handout)

• Will be handed out in Wednesday’s class
• Contact Information
  ▪ See course homepage for up-to-date version
• Office Hours
  ▪ See course homepage for up-to-date version
  ▪ Note that some TA office hours may be disrupted by other TA duties
Course Outline (Handout)

- Five lectures will be cancelled. Often day after quizzes
- Notes contain important information
  - Reading assignments and homework timing
  - Discussion only during quiz weeks
  - Adding an additional Monday discussion before exams
  - Tutorial weeks
  - Project help sessions
  - Quiz times and final exam time!

Course Outline (Continued)

- Major topics in Course
  - Information representation and manipulation
  - Logic elements and Boolean algebra
  - Combinational Logic
  - Arithmetic Logic
  - Sequential Logic
  - Memory and Programmable Logic
  - Register Transfers
  - Control
  - Simple computers
Course Role

- General – Deals with the design of digital systems and computer hardware
- Links to Other Courses
  - **Comp Sci Students** – Connects to Comp Sci 354 and can be followed by Comp Sci 552
  - **CMPE Students** – Connects to ECE 354 and is followed by many course including required ECE 351, ECE 353, ECE 551 and ECE 552 – The most important fundamental course for your program.
  - **EE Students** – One of the several fundamental courses for your program – required for some lab and elective courses