55:036
Embedded Systems and Systems Software
Spring, 2007

Instructor Information

• Instructor:
  – Jon Kuhl
    • Office: 4016A SC
    • Office Hours: 10:30-11:30 a.m. MWF (other times by appointment)
    • E-mail: kuhl@engineering.uiowa.edu

• TA:
  – David Quackenbush
    • Office (for office hours): 2245 SC
    • Office Hours: t.b.d
    • E-mail: dquacken@engineering.uiowa.edu

Text Book

• IMPORTANT NOTE: The book comes with a PC board that we will use to construct the QwikFlash Development Board that will be utilized in the lab. If you buy a used copy of the text that is missing the PC board, you may need to purchase the PC board separately

Class Web Site

• www.engineering.uiowa.edu/~ece_036
• User ID and Password for password protected portions of the web site will be announced in class
• All lab assignments, announcements, etc. will be posted on the web site. Be sure to check it often.
Laboratory

• The Lab is located in 2245 SC
• The course will have six labs, each two weeks in duration
• There will also be a three week project at the end of the semester
• Labs and project will count 55% toward the course grade.

More About the Lab

• Students will work in teams of two in the lab
  – You may choose your own partner or let us assign one for you
  – There will not be scheduled lab periods (except for this week)
    • You may use the lab at any time
    • Access is via a key card.
    • The TA will hold office hours in the lab

Forming Lab Teams

• We need to form lab teams by no later than tomorrow (Wed., January 17)
• If you wish to choose your own partner, you must inform me of your partnership by no later than noon tomorrow (Wed, Jan. 17)
• If you want me to assign a partner to you, you must inform me of this fact by no later than noon on Wed. Jan. 17.

The First Lab

• For the first lab, you will be assembling the QwikFlash Development Board that will be used throughout the remainder of the semester.
• Each team must purchase a QwikFlash parts kit from the Engineering Electronics Shop (2018 SC) prior to Thursday Afternoon.
  – The cost is $65.00
First Lab--Continued

- The Electronics Shop technicians will be conducting introductory sessions in the Lab on Thursday afternoon to help get you started with assembly of your QwikFlash Boards
  - Soldering skills
  - Tips for board assembly and testing
- Session Times, Thursday, January 18, 2245 SC:
  - 12:30-1:45 p.m.
  - 1:45-3:00 p.m.
  - 3:00-4:15 p.m.
- You must sign up for one of these sessions. Sign-up sheets will be posted on the Lab Door this afternoon