55:036
Embedded Systems and Systems Software
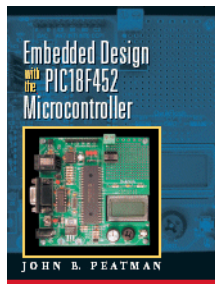
Spring, 2007

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

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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