Team Teaching
- Michael Buckley
- mikeb@cse.buffalo.edu
  - not acsu.buffalo.edu
- www.cse.buffalo.edu/~mikeb
- 867-5733 for subject & technical matters
  - grading issues via email
- Bell 137 - 645-3180 x156
- Office Hrs - MWF 11-1, for now

Team Teaching
- Carl Alphonce
- alphonce@cse.buffalo.edu
- 645-3180 x115
- 219 Bell Hall
- Office Hours: T 2:00 - 3:30,
  Th 11:00 - 1:00,
  F 2:00 - 3:30
Team teaching

- Helene Kershner
- kershner@cse.buffalo.edu
- 645-3180 x118
- Hours by appointment
- Office is 209 Bell Hall

Won’t need it for a week or two. Also… the best two books you’ve ever owned:

- The Tao of Pooh
- The Design of Everyday Things
Topics

- Software Errors
- Design
- Methodologies & Lifecycle Models
- SADCITM
- Customers
- Users
- Requirements
- Documentation
- Coding
- People and Personality
- Case Histories
- SW Project Management
- Project Planning
- Scheduling
- Estimation
- Legal Issues
- Ethics
- Risk
- Metrics
- Human Factors
- Configuration and Version Control
The Project

- A choice among four or five, with real customers.
- 3+ phases - requirements, design, planning, coding
- Will involve meeting off-line with domain experts (domain is the deployment environment)
- Teams of 6-8 people / Collaborative among teams and with two grant working groups

Our Clients & Customers

UB Talker
Advice

- Use the Web Site:
  - www-local.cse.buffalo.edu/courseweb/cse442/
  - or
  - www.cse.buffalo.edu/~mikeb
- There will be much more work than 1 or 2 people can do
- Don’t stress out
- Work as a Team
  - Split up the work
- Come to class

Things you might not know yet...

- How to interface hardware to computers
  - We will teach you
- How to write event-driven programs
  - We will teach you
- Appropriate input devices
  - You will research
- Lighting, sound, music, video
  - You must design the experience
  - Money is no object

Project

- Descriptions will be on the web site very soon.
- They will change a bit. In fact, they are intentionally vague.
- It will involve simulation of hardware. “Some” hardware will be available for testing
- The systems will be built and delivered to schools by CSE453 students. YOUR DESIGNS will be placed in the community.
Teams

- Team members can be fired
- Team members can receive reduced credit
- Not everyone is a coder
- You will need a secretary
- A natural leader will emerge, go with that
- COMPROMISE

Starting Out

- No recitations until we begin the projects
- Read the Essay on Objects and Modeling (on the web site)
- 1st Lecture - SW Implementation Steps
- System Spec. for the Team Project

Grading:

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class participation/homework (individual)</td>
<td>5%</td>
</tr>
<tr>
<td>Project Deliverables (team grade)</td>
<td>45%</td>
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<tr>
<td>Requirements analysis</td>
<td>15%</td>
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<tr>
<td>Initial design and specifications</td>
<td>15%</td>
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<tr>
<td>Project planning</td>
<td>15%</td>
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<tr>
<td>Implementation and demo</td>
<td>15%</td>
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<tr>
<td>Midterm exam (individual grade)</td>
<td>20%</td>
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<tr>
<td>Final exam (individual grade)</td>
<td>20%</td>
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<tr>
<td>Peer evaluation (individual grade)</td>
<td>10%</td>
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</tbody>
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Grading, continued

A- or B+ is NOT failing. It is an excellent grade in this course. To get an A in CSE442/542, you must do substantially better than what is asked for. All grading for this course grants a C for answering the requirements, a B for showing a level of understanding, and an A, for insight sufficient to apply the material to real life. If you did not sprinkle your submissions with real-life examples based on experience or reading, you got a very well-deserved B.

Everyone gets full credit for class participation, unless you fall asleep in class, or read the newspaper. Cruising the internet with a wireless device is also noted.

Peer evaluations have a direct effect on grades: every negative evaluation costs a single point out of 10, unless the negative evaluation is from a student who has more negative evaluations than you. If ALL team members grade a student negatively, no credit is given in the peer evaluation category.