Educational Technology
The New Baseline
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Outline

- Why am I here?
- My classroom toolbox...
- What is expected by the students?
- Where do we go from here?
Why am I here?

- Meg Brady - Request for Presentations

- My thoughts...hmn...I don’t do anything with new technology in the classroom, so I won’t present.

- After all, I don’t have the stuff to say “Beem me up Scottie” and get something to happen...

- at least not yet!
Why am I here?

- Ran into Meg at the Grotto one Friday (early evening)
- She agreed that I have a point...
- Students don’t view this stuff as **New Technology**
- it is old news and therefore expected...new baseline
My Classroom Toolbox...

- chalk board (or white board)
- electronic presentations
- video clips
- interactive web activities

- e-mail
- blackboard
- etc.
What Is Design?

Engr 101 - Experiential Design

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i-design - What is design?
What is Good Design?

design
Benefit of being a great designer...
Design is...

- A process for solving the needs of society
- All about innovation
  - Innovative products and processes are the things we can not afford to outsource
- Interdisciplinary
- Products today cross all discipline boundaries
My Classroom Toolbox...
(cont.)

- Are all these tools right for you?
- Maybe/maybe not!
- It is important that you choose the right tool for the job!
“We see technology as a tool. If you pick it up and it fits in the hand then it’s useful. If you have to bio-reengineer the hand to fit the tool, it’s a waste of time.”

Dave Snowden - founder & cso Cognitive Edge
What do students expect?

- Students expect **well thought out** lesson plans and assignments.
- Their definition of **well thought out**...has changed with the influx of technology.
What do Students Expect?

- The following is a listing compiled by my experience and comments received (it is not the result of statistical studies)

- **First...Reasonable Expectations**

- 1. General class lecture content to be available and accessible after the class has ended.

- 2. Mathematical problems to be worked out non-electronically in class, but the steps to be accessible electronically after class.
What do Students Expect?

3. Updates or changes to the class schedule or syllabus to be e-mailed.

4. Evidence (video or web-site) that the class material will benefit them in their future profession.

5. Course web sites (if they exist) are correct, up to date, and easy to navigate.


7. Professors have a working knowledge of how to operate the technology present in the classroom before class begins.
What do Students expect?

- Now, Unreasonable Expectations

- 1. Professors to answer e-mail immediately and at any hour of the day.

- 2. The sample problems available will come with a complete explanation of why each step is taken.

- 3. Wikipedia is an appropriate reference for scientific reports and has the answer to all their questions correctly.
Where do we go from here?

- Assess technological needs/expectations of incoming students.
  - Ed. Tech. Department taking lead! - Thank you.
- Integrate one relevant technology per year
  - ...crawl before you walk
Where do we go from here?

- On integration, solicit immediate feedback from the students.
- If using the technology becomes more difficult for them than the classwork, it is probably not the right tool at the time!
Questions?