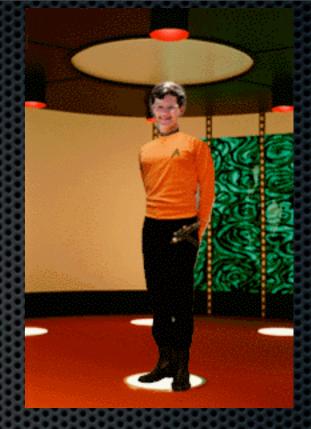# Educational Technology
The New Baseline
Katie Grantham Lough

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

31-Aug-2006
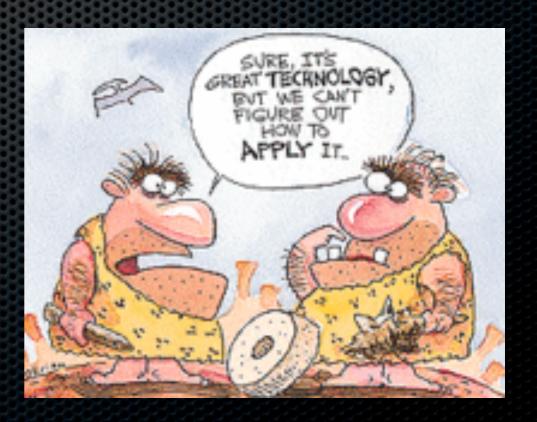
What is Good Design?

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.

- 6. Electronic archives of old tests.

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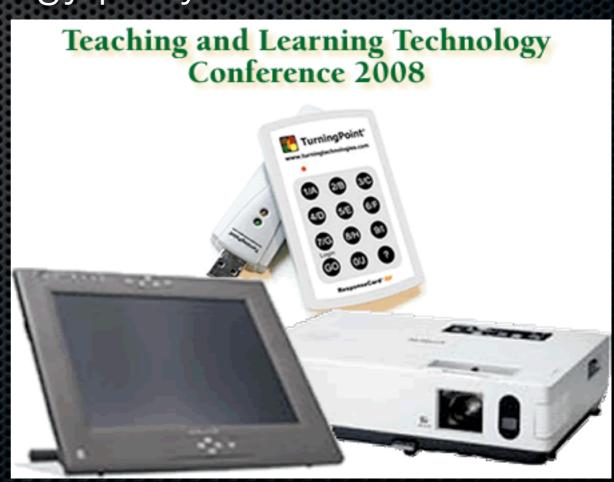
What do Students expect?

- 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

Teaching and Learning Technology Conference 2008

- ...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?