Using Technology Successfully

Nancy Castle
Northern Illinois University

Kathleen Darroch
NTID @ RIT

Curriculum Design Guidelines

- Multiple representations of content
- Flexible means of expression
- Flexible means of engagement
- Flexible means of assessment

Flexible Means of Engagement

- Novelty and familiarity
- Flexibility of curricular materials

Guidelines

Have clear learning objectives

These drive everything about the course!

Universal Design for Learning

Designing your course to engage students in the learning process.

Paper presented at the Instructional Technology and Education of the Deaf Symposium
National Technical Institute for the Deaf
Rochester, New York   June 2005
http://www.rit.edu/~techsym  M1B
Guidelines….

**Match method to:**
- Topic being taught
- Students doing the learning

Resources

Catalyst - University of Washington
http://catalyst.washington.edu
NTID/TIR PEN….
web site….

Technology - Please!
- Captioned films
- PowerPoint notes
- Computer Work
- “Smart” classrooms
- Bells and whistles!!! (visual noise)

Integrating Technology in the Classroom
The Interpreter Connection

Classroom Communication
More fun than a 3-ring circus!
Visual overload?
You are the ringmaster!!

Tips for integrating interpreting
- Line of sight
- Pacing of information
- Referencing
- Information turn taking
- Easy on the eyes!(and hands)
One look at a time!

- Color Coding
- Vocabulary
- Equations
- Explanation of visuals
- The 1's have it

Equations

Y = mx + b

Y - b = mx

When moving elements from one side of the equation to another, be careful. + and - will change.

Points to Remember!

- Don't make 'em guess!
- Use graphics to help
- Key information should be visible
- Beware of technology overload.

Resources

- NCI (National Captioning Institute): www.ncicap.org
- COMETS/NTID (Clearinghouse on Mathematics, Engineering, Technology, and Science), Technology in the Classroom: Captions: www.rit.edu/~comets/