



Teaching and Technology

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What is Technology?





- The sum of the ways in which social groups provide themselves with the material objects of their civilization.
- The branch of knowledge that deals with the creation / use of technical means and their interrelation with life, society, and the environment, drawing upon such subjects as industrial arts, engineering, applied science, and pure science.

2

Why should we use Technology in Teaching?

- Sometimes we shouldn't

- Easier / faster for both student & instructor
- Improve (at least enhance) lessons

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Four Components to Consider

- Students (connectivity & learning styles)
- Course Content
- Tech Tools (what's available)
- Instructor (comfort level & attitude)

Technology Categories

- Communication Tools
 - E-mail, webpage, Blackboard, etc...
- Organization / Presentation
 - PowerPoint, QCSHOW, etc...
- Audio / Video
 - CD's, Movies (DVD VCR), sound bites, etc...

Technology Categories

- Course Management
 - Blackboard, WebCT, etc...
- Distance Learning Systems
 - ALEKS, PLATO, MyMathLab, etc...
- Discipline Specific
 - Math (WinPlot, Virtual TI, etc...)

Technology Example...

- Let's answer a few questions using some technology...

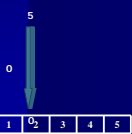


I use Technology in my class...

1. Everyday
2. Frequently
3. Sometimes
4. Never

Which best describes your view of "technology in teaching..."

1. I love it. I don't want to teach without it
2. I could take it or leave it.
3. I hate it. It is a total waste of time and energy



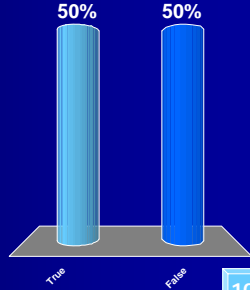
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Technology is guaranteed to improve student success and retention.

1. True
2. False



1 0 3 4 5



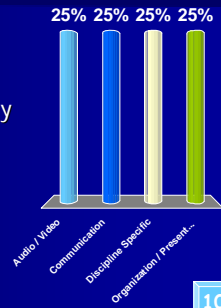
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E-mail is an example of...

1. Audio / Video Technology
2. Communication Technology
3. Discipline Specific Technology
4. Organization / Presentation Technology



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