Enhancing teaching and learning: Integrating technology and nursing education

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**Recommended Citation**

Smith, EdD, RN, Kellie and Elkind, RNC, MSN, MBA, PhD(c), Elizabeth, "Enhancing teaching and learning: Integrating technology and nursing education" (2008). *College of Nursing Faculty Papers & Presentations*. Paper 58.

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Enhancing teaching and learning: Integrating technology and nursing education
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Kellie Smith, RN, MSN
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Faculty Development - January 7th 2008
Why use technology in nursing education?

- Course Organization
- Efficiency and effectiveness
- Learning styles (http://www.vark-learn.com)
- Informatics
- Future- new generation of learners
Organization

- Classroom and online courses
  - Blackboard (Pulse)
    - Assignments (grade book)
    - Learning Units
    - Announcements
    - Examples N300, N309, N625

- Document management system
  - Jeffshare
    - Xythos drive
    - Web UI interface
    - Workflow management
Efficiency and Effectiveness

- Standardization
- Research studies...
Learning Styles and Enhancing Interactivity

- Discussion board
  - E-poster presentation
- Audience response

- Captivate
  - Orientation
  - N300 example
  - Lectures
  - Evaluation
    - Formative
    - Summative
From the list below select the stage that best describes where you are now. *Choose only one.*

1. **Stage 1:** aware that technology exists but limited use of it.
2. **Stage 2:** trying to learn the basics—often frustrated and lack confidence.
3. **Stage 3:** gaining a sense of confidence in using the computer for specific tasks.
4. **Stage 4:** able to use the computer in many applications and as an instructional tool.
I use technology to: *(select all that apply)*

1. Enhance my personal productivity
2. Present course content to students
3. Enhance student-to-student collaboration
4. Enhance student-to-expert collaboration
5. Entertain students with “bells and whistles”
6. Motivate students
What technologies have you infused into your current courses? (select all that apply)

1. Wikis
2. Blogs
3. Webinars
4. Multi-media such as Captivate
5. Audience response
6. Simulation
7. None of the above
De.lic.ious is _________________.

1. an enjoyable taste
2. an e-learning note pad
3. a social bookmark manager
4. the phonetic breakdown
Informatics

- Self-Assessment questionnaire results
- Steps to advance your competency...
Technology in the classroom

Examples

• Audience Response
• PDA project (N306)
• Simulation (lab)
• Podcasting (recording lectures)
• Hybrid course (N309)
• Apresso
• Audio Visual
Technology and Online Courses

- **Examples:**
  - E-portfolios
    - MSN informatics program
    - RN- BSN program
  - Web 2.0
    - Wiki, Blogs
  - Web site evaluation
  - E-pop conferencing
  - De.lic.ous
Future possibilities

- Interactive screen
- Virtual life/ virtual case scenarios
- Social networking:
  - My space, face book, Utube
- Etc...
Resources

- AISR-JeffIT- Pulse Users Group
- Blackboard
  - http://www.blackboard.com
  - Listservs
- Merlot (www.merlot.org)
- Educause (http://www.educause.edu)
- Sloan-C (http://www.sloan-c.org/)
- USDLA (US Distance Learning Association) (http://www.usdla.org/)