Enhancing teaching and learning: Integrating technology and nursing education

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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/)