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Enhancing teaching and learning: Integrating technology and nursing education

Kellie Smith, EdD, RN
Thomas Jefferson University

Elizabeth Elkind, RNC, MSN, MBA, PhD(c)
Thomas Jefferson University

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**Enhancing teaching and learning:
Integrating technology and
nursing education**

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Integrating technology
and nursing education**

Kellie Smith, RN, MSN

Elizabeth Elkind, RNC, MSN, MBA

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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/>)

