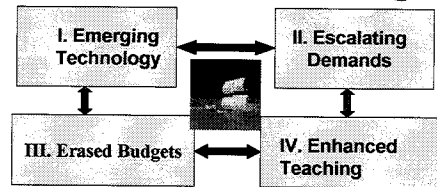


The Future of E-Learning and Blended Learning

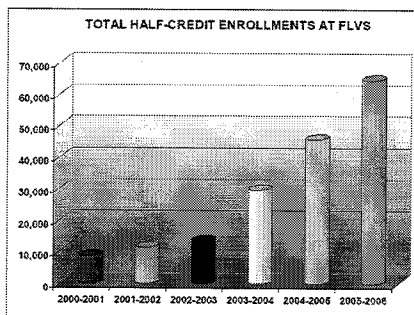
Curt Bonk, Professor, Indiana University
 President, SurveyShare, Inc.
 cjbonk@indiana.edu
<http://mypage.iu.edu/~cjbonk/>
<http://SurveyShare.com>



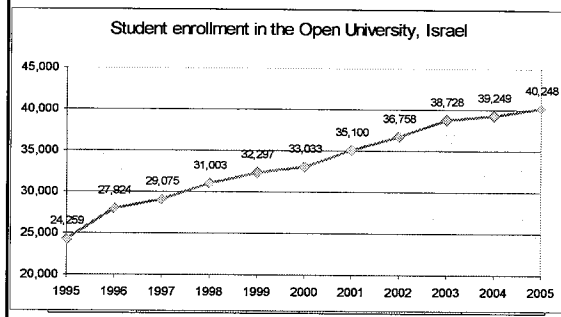
Four Storms are Approaching!



Growth of Online Learning in Secondary Schools

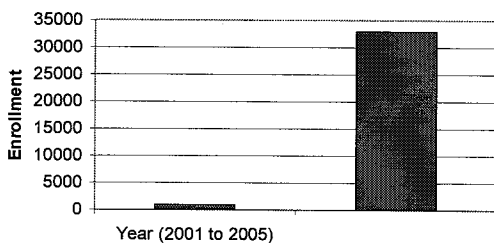


Open University of Israel (overall enrollment growth)

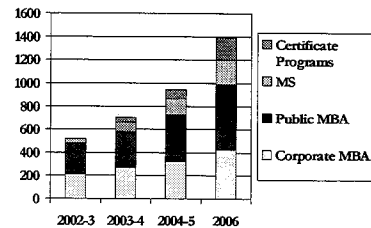


The OUM

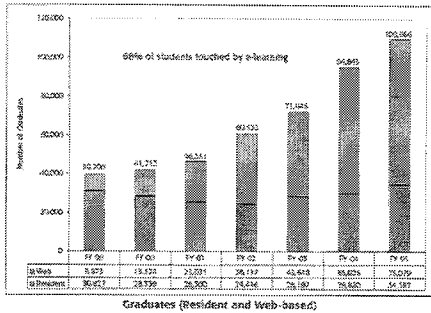
Enrollment Growth at the UOM



Growth in Student Enrollments



Defense Acquisition University Shaping a Culture of Career-Long Learning



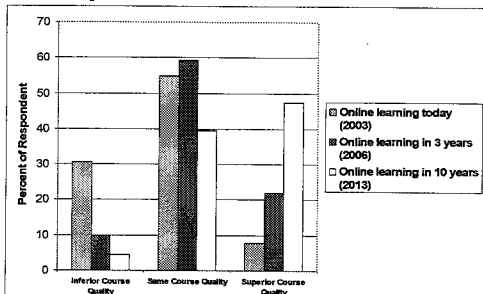
Precursors to this Study

"Online Training in the Online World" (2001-2002)

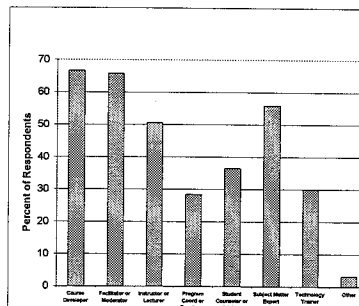
"Surveying the future of workplace e-learning: *The rise of blending, interactivity, and authentic learning*" (2003-2004)

"The Future of Blended Learning in Corporate and Other Training Settings: An International Study" (2005-2006)

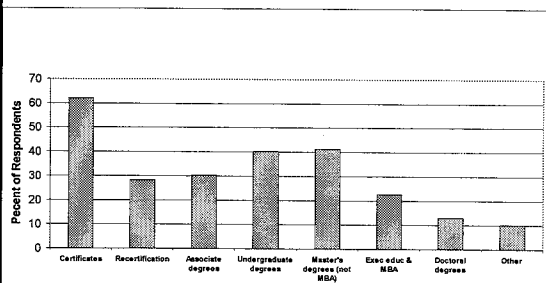
2003-2004 Study: Expected quality of online education compared to traditional instruction



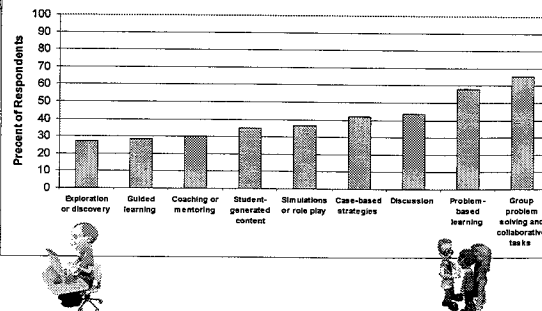
Skills needed to teach online in 2010



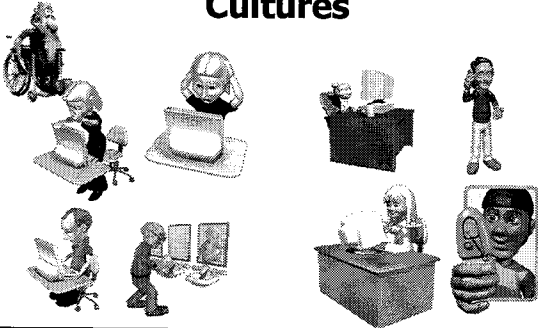
Technologies expected to most impact the delivery of online education in higher education in the next five years



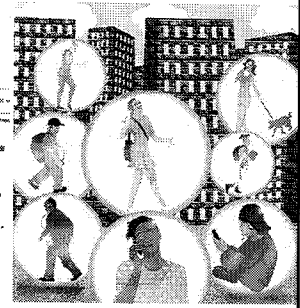
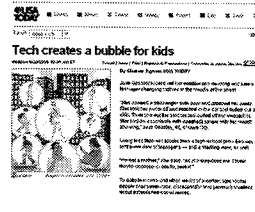
Instructional Approaches that Selected by Respondents as Among the Four Strategies Likely to Become More Widely Used



Part I. People, Society, and Cultures



Next Generation of Students



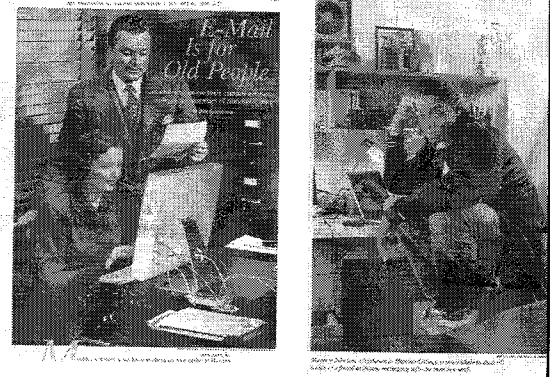
Tech Creates Bubble for Kids
Alejandro Gonzalez, USA TODAY, Updated 6/20/2006 10:34 AM ET

A Different Generation??? Multitasking... "YOUNG AND WIRED," Katherine Seligman, San Fran Chronicle, Sunday, May 14, 2006



Gloria Kwan listens to her iPod while text messaging a friend who's in class.
Chronicle photo by Mike Kepka

INFORMATION TECHNOLOGY

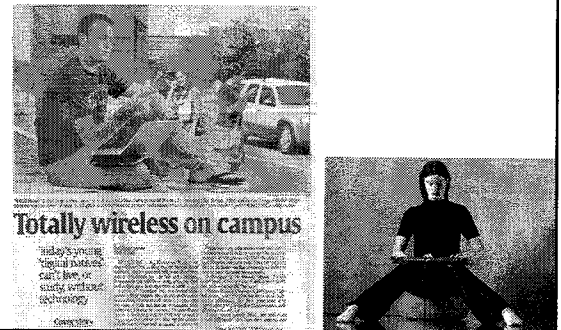


Effects of interactive multimedia in distance learning

Giti Javidi and Ehsan Sheybani, 2004, In Proceedings of the IASTED International Conference WEB-BASED EDUCATION

"The advancement in technology is shaping every aspect of our life, including education. One decade ago, the Internet was not critical to education. However, now, it has become an integral part of learning process. Internet technology is having a dramatic effect on colleges and universities, producing what may be the most challenging period in the history of higher education."

USA Today, October 3, 2006




EDUCATION with Student News

Students prefer online courses of age

Classes popular with on-campus students

Friday, January 13, 2006; Posted: 3:18 p.m. EST (20:18 GMT)

(AP) — Andy Steele lives just a few blocks from the campus of Black Hills State University in Spearfish, South Dakota, so commuting to class isn't the problem. But he doesn't like lectures much, isn't a morning person, and wants time during the day to restore motorcycles.


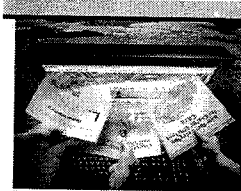


So Steele, a full-time senior business major, has been taking as many classes as he can from the South Dakota state system's online offerings. He gets better grades and learns more, he says, and

Andy Steele takes an online course the library of Black Hills State Univer


Training Magazine, October, 2006

ON DEMAND is IN DEMAND

Learning in Cafes and Pubs

USA Today, October 5, 2006



Computers, quiche and quiet

Ambience is emerging without office distractions

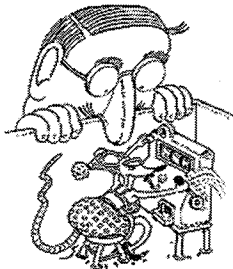
Yahoo News

Love me, love my blog," as Netorati couple-surf

BY SARA LEDWITH Thu Aug 3, 8:30 AM ET



- Nick Currie and his girlfriend Shizu Yuasa (R) surf the internet over breakfast in Tokyo in this handout photo. As the Internet evolves -- with its webcams, iPods, Instant Messaging, broadband, wi-fi and weblogs -- its image as a relationship-wrecker is changing. Now a sociable habit is emerging among the Netorati: couple-surfing. (Nick Currie/Handout/Reuters)
- "For my birthday, he upgraded my RAM and I thought it was incredibly romantic," writes Jess.

Behaviorist Interactivity



Simulation: Neomillennial Learner

- "The skill to be valued in the twenty-first century is not the length of attention span, but the ability to multitask - to do many things well at once.... [and] the ability to process visual information very rapidly." (Rushkoff, 1996:50)

Learner Control: Neomillennial Learner

- Xers expect a range of options, in terms of what they learn and how they learn it. They require autonomy and flexibility for their own learning. They demand a variety of instructional methods from which they can choose to learn, e.g., videotapes, self-paced modules, interactive CDs.
 - “Online gives me something to do when I’m bored with the professor.”
 - “I respect myself more as a self-teacher.”
 - Dziuban, Moskal, & Hartman (2005)

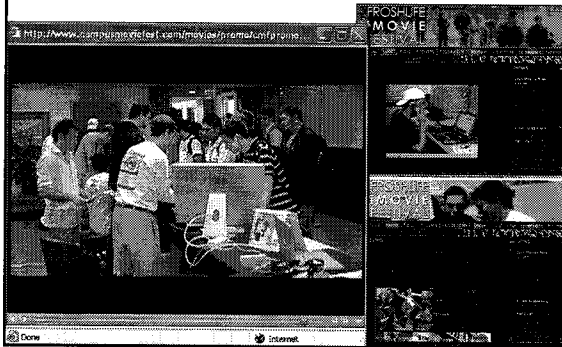
Neomillennial Learning Styles

Planning for Neomillennial Learning Styles: Implications for Investments in Technology and Faculty
Chris Dede, Harvard University, *Educause*, 2005

- Fluency in multiple media--value all types of communication, activities, experiences, not a single best medium
- Actively seek, collect, and synthesize experiences, rather than absorb a single best source
- Active learning and collective reflection
- Non-linear and associated webs of learning
- Co-design of learning experiences for individual needs and preferences not pre-customized



CAMPUSMOVIEFEST.COM showcases the collab work of tens of thousands of student filmmakers from around the world



The promise of multimedia learning: Using the same instructional design methods across different media

Richard E. Mayer, *Learning and Instruction*, 13 (2003) 125-139.

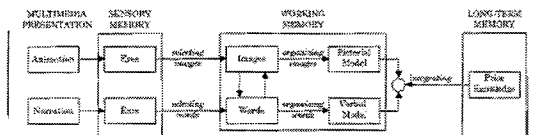
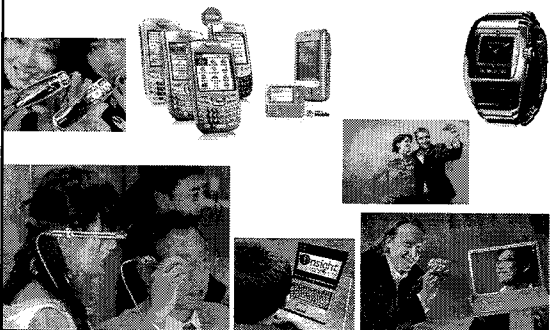


Fig. 1. A cognitive theory of multimedia learning.



Part II: Emerging Technologies



The Ten Forces That Flattened the Learning World

world
tion (e.g.,
eduCommons
Word,
technology)
ation of
ERLOT,
e, Johns

The Learning World is Flat

