



College technology 'catching up' with students By Kathleen Gray and Robin Erb, USA TODAY, October 6, 2009



Senior Emily Smak, 20, tries out the treadmill workstation in one of the study lounges in the new Education and Human Services Building at Central Michigan University. There is a new iMac computer attached to it so students can get a little exercise while doing homework or other things on the computer.

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- At Abilene Christian (University)...about 2,800 students and 70% of the 250 professors use the Apple technology for instructional purposes.
 - Art students use app to draft sketch and send it to the teacher and other students for advice before starting the real art pieces.
 - A drama teacher takes video of the lead dancer in a production and sends that along to other students for rehearsal.









Poll #1: Bonk's Web Addiction Questionnaire (check all that apply)

- 1. Own 2 or more cell phones with Internet access.
- 2. Own 2 or more laptop computers with wireless connections.
- 3. Check email in the morning, noon, and at night.
- 4. Suffer from nervous tension when you cannot get on email.
- 5. Are checking email, updating your Facebook account, or text messaging right now.



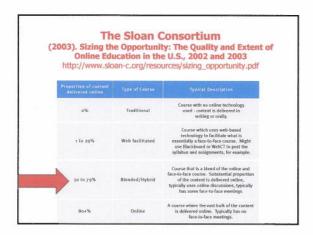
Part I Blended Learning

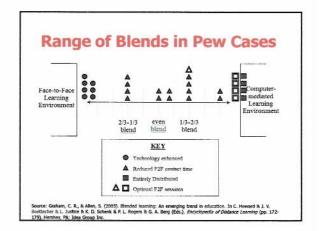
- 1. Definitions of blended learning
- 2. Advantages and disadvantages
- 3. Models of blended learning
- 4. Examples of blended learning
- 5. Implications for blended learning











Blending Online and F2F Instruction

 "Blended learning refers to events that combine aspects of online and face-to-face instruction" (Rooney, 2003, p. 26; Ward & LaBranche, 2003, p. 22)

Where is Blended Beneficial?

http://www.center.rpi.edu/PewGrant/ProjDesc.html

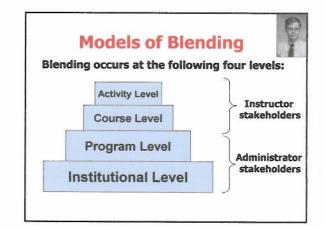
- · Large Classes (spanish, intro psych, algebra, elementary statistics, biology)
- · Classes with working students
- · Students spread over a distance
- · Classes with certification
- · Classes with need for standardization
- · New requirements for a profession
- · Writing intensive classes
- · Theory classes

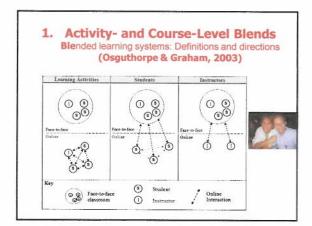


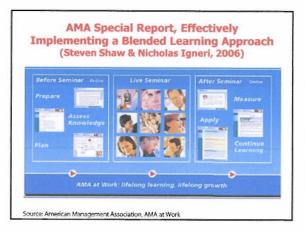
Fully Online and Blended Learning Advantages

- 1. Increased Learning (better papers, higher scores)
- 2. More effective pedagogy and interaction
- 3. Course access at one's convenience and flexible completion (e.g., multiple ways to meet course objectives)
- 4. Reduction in physical class or space needs, commuting, parking
- Increased opportunities for human interaction, communication, & contact among students
- 6. Introverts participate more









Institutional-level Blending (Brian Linquist, 2006) Example 2: University of Phoenix

- · Completely online courses
- · Residential F2F courses
- Blended Courses
 - Local Model = 5 week courses with first and last week F2F
 - Distance Model = 5 week courses with half first and half last week F2F (the last meeting of one course is coordinated to be back-to-back with the first meeting of the next 5 week course)

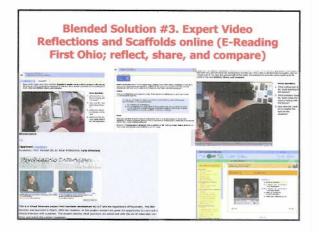




Blended Solution #1+. Sample Activities for Brief Meetings

- Assign web buddies, email pals, critical friends based on interests, confidence, location, etc.
- Ice breakers-paired introductions, corners.
- 3. Solve case in team competitions with awards.
- 4. Test technology in a lab.
- 5. Assign teams and exchange info for small teams using text messaging.
- 6. Library (digital and physical) scavenger hunt.
- 7. Do a podcast documenting the meeting.
- Have everyone create a blog on the experience.
- 9. Open an e-portfolio for each student
- 10. Brainstorm how might use technology in program.



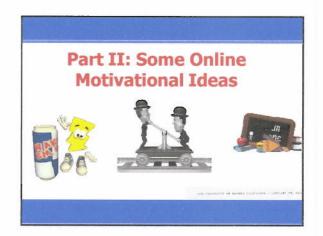






Implications and Challenges for Blended Learning

- 1. Faculty and students are more mobile.
- 2. Students more choices.
- 3. Student expectations rise.
- 4. Greater self-determined learning.
- 5. More corporate university partnerships.
- 6. Courses increasingly modular.
- 7. Less predefined schedules.
- When teaching less clear; when learning less clear.



We are not motivating students with the technologies that they love

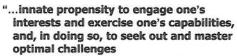




Ok, Million Dollar Question: How do you motivate online learners? What Words come to mind?



Intrinsic Motivation



(i.e., it emerges from needs, inner strivings, and personal curiosity for growth)

> See: Deci, E. L., & Ryan, R. M. (1985). Intrinsic motivation and self-determination in human behavior. NY: Plenum Press.



Poll #2: Which of these is the most important for motivating students? (Pick just one)

- 1. Supportive, appropriate challenge, meaningful.
- 2. Teach goal setting and self-reinforcement.
- 3. Offer rewards for good/improved performance.
- 4. Novelty, variety, choice.
- 5. Game-like, fun, fantasy, curiosity, suspense.
- 6. Divergence, dissonance, peer interaction.
- 7. Allow to create finished products.
- 8. Provide immediate feedback.
- 9. Show intensity, enthusiasm, interest.
- 10. Make content personal, concrete, familiar.

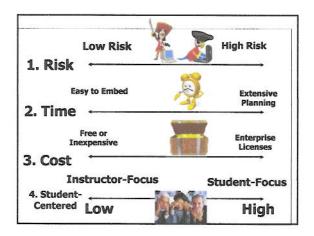


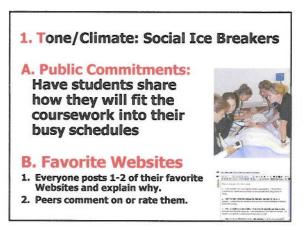
I even reflected on this for a moment...

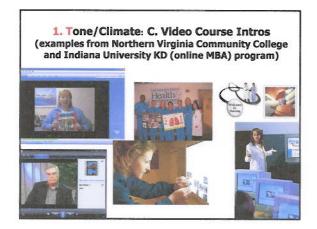


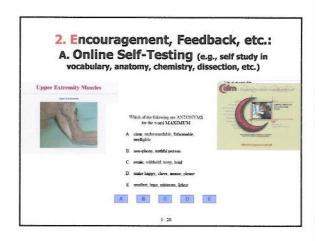
TEC-VARIETY Model for Online Motivation and Retention

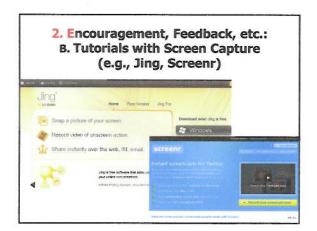
- Tone/Climate: Psych Safety, Comfort, Belonging
 Encouragement, Feedback: Responsive, Supports
- 3. Curiosity: Fun, Fantasy, Control
- 4. Variety: Novelty, Intrigue, Unknowns
 5. Autonomy: Choice: Flexibility, Opportunities
 6. Relevance: Meaningful, Authentic, Interesting
- Interactive: Collaborative, Team-Based, Community
- Engagement: Effort, Involvement, Excitement
- Tension: Challenge, Dissonance, Controversy
- 10. Yields Products: Goal Driven, Products, Success, Ownership

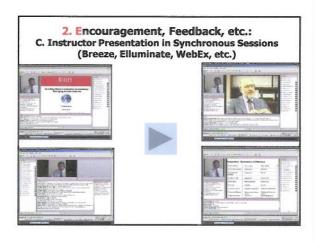








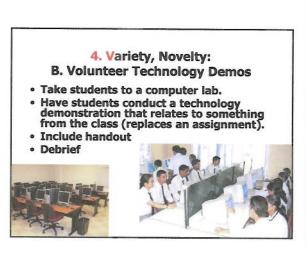


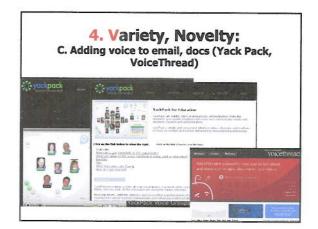


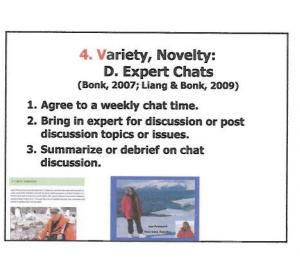


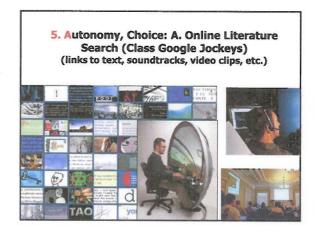


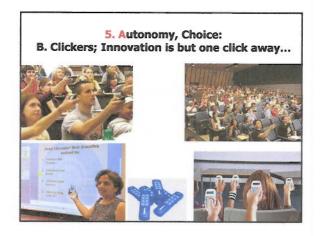
4. Variety, Novelty: A. Cool Resource Provider • Have students sign up to be a cool resource provider once during the semester. • Have them find additional paper, people, electronic resources, etc. • Share and explain what found with class. PSIO Cool Resource Provider and Moderator Sign Up Sket Sket Vanile proper waster with the fire candons of a pool by the content of t



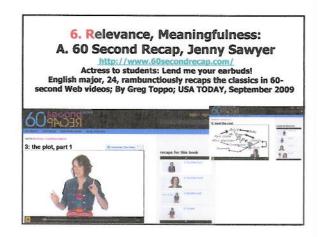


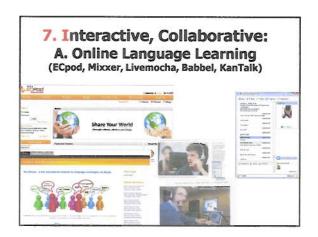


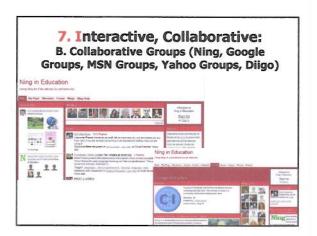


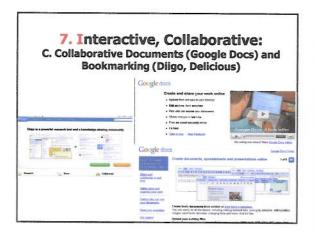


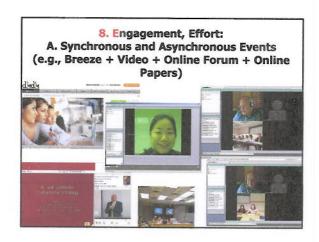


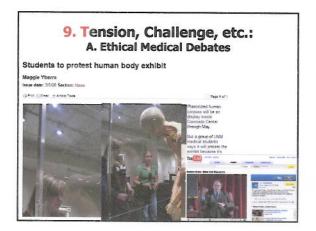














Poll #3: How many ideas did you get so far?

- 1. 0 if I am lucky.
- 2. Just 1.
- 3. 2, yes, 2...just 2!
- 4. Do I hear 3? 3!!!!
- 5. 4-5.
- 6. 5-10.
- 7. More than 10.









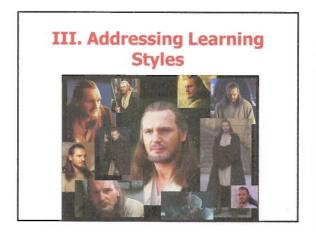


99 seconds: What have you learned so far?

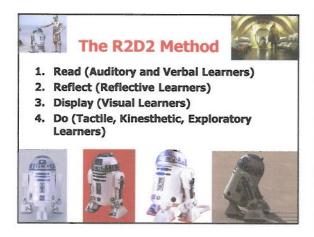
 Solid and Fuzzy in groups of two to four

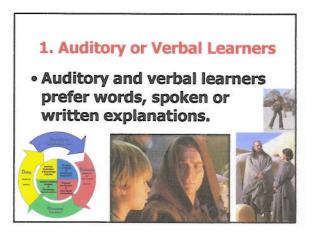


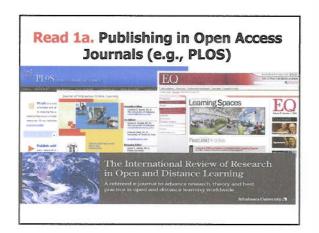


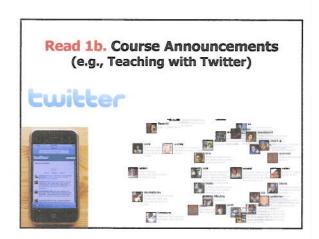












Read 1c. Podcast Paper Reflections

- · Students listen to a podcast.
- Reflect on what they learned in an online forum.
- · Students comment on each other's post.







Read 1d. Wiki Steps on How to do Something: Wikihow http://www.wikihow.com/





2. Reflective and Observational Learners

• Reflective and observational learners prefer to reflect, observe, view, and watch learning; they make careful judgments and view things from different perspectives

Reflect 2a. Blogs Uses

- Instructor or Tutor blog: resources, information, space to chat
- 2. Learner blog: reflections, sharing links and pics, fosters ownership of learning
- 3. Partner blog: work on team projects or activities
- 4. Class blog: international exchanges, projects, PBL
- Revision: review and explode sentences from previous posts, add details
- 6. Nutshell: sumarize themes or comments across blogs
- 7. Blog on blog: reflections on feelings, confusions, and experiences with blogs

Reflect 2b. Critical Friend Blog Postings



Reflect 2c. Expert and Domain Specific Blogs (English Teacher Blogs)



