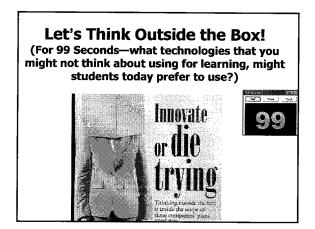
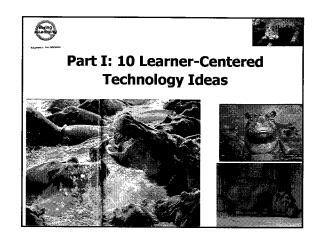


^^		
ři II.	Low Risk	High Risk
1. Risk		
Easy to Embed		Extensive
2. Time	-	Planning
	Free or	Enterprise
3. Cost Inc	expensive	Licenses
4. Student- Centered	Instructor-Focus	Student-Focus
	Low	High



Task

- Ideas definitely Can Use (Circle or write down)
- Ideas you might use (check off or write down in a separate column)
- Ideas you cannot use (cross off or put at the bottom)



1. Learner-Centered Learning Principles (American Psychological Association, 1993)

<u>Cognitive and Metacognitive Factors</u> <u>Developmental and Social Factors</u>

1. Nature of the learning process 10. Developmental influences on

- Nature of the learning process
 Goals of the learning process
- Construction of knowledge
 Strategic thinking
- 5. Thinking about thinking
- 6. Context of learning
- 11. Social influences on learning

- Individual Differences

 12. Individual differences in learning
- 13. Learning and diversity
- Motivational and Affective Factors 7. Motivational and emotional influences
- 8. Intrinsic motivation to learn
 9. Effects of motivation on effort



2. Constructivistic Teaching Principles (Brooks, 1990)

- 1. Build on student prior knowledge.
- 2. Make learning relevant.
- 3. Give students choice in learning activity
- 4. Student autonomy & active Irng encouraged
- 5. Use of raw data sources & interactive materials
- 6. Encourage student dialogue
- 7. Seek elaboration on responses and justification
- 8. Pose contradictions to original hypothesis
- 9. Ask open-ended questions & allow wait time
- 10. Encourage reflection on experiences

1. Anchored Instruction (find anchoring event (CTGV, 1990?)

(L/M = Cost, M = Risk, M = Time)

- In a synchronous lecture interrupt it with a summary video (could be a movie clip) explaining a key principle or concept.
- · Refer back to that video during lecture.
- · Debrief on effectiveness of it.









2. Cool Resource Provider

(Bonk, 2004) Capture and Videostream Lectures (e.g., Apreso CourseCaster)

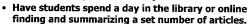
- Have students sign up to be a cool resource provider once during the semester.
- Have them find additional paper. people, electronic resources, etc.
- Share and explain what found with class via synchronous meeting or asynchronous discussion post.





3. ORL or Library Day

(L = Cost, M = Risk, M/H = Time)(Bonk, 1999)



- Have them bring to class or post abstracts to an online forum.
- Share in small groups interested in similar topics.
- · Perhaps give each student 1-2 minutes to describe what found in a chat.





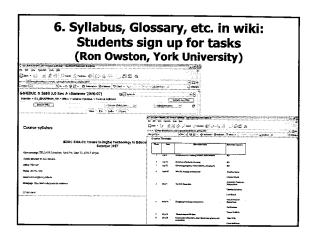
4. 99 Second Quotes

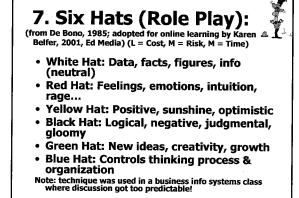
(L = Cost, M = Risk, M = Time)

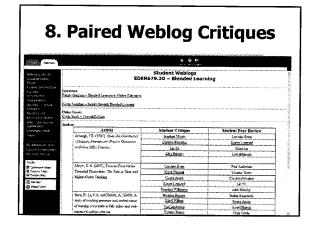


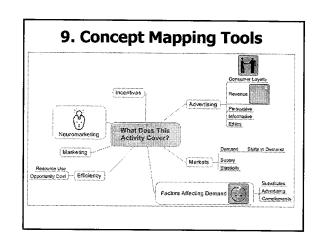
- · Everyone brings in a quote that they like from the readings
- · You get 99 seconds to share it and explain why you choose it in a sync chat or videoconference
- Options
 - Discussion wrapped around each quote
 - Small group linkages—force small groups to link quotes and present them
 - Debate value of each quote in an online forum

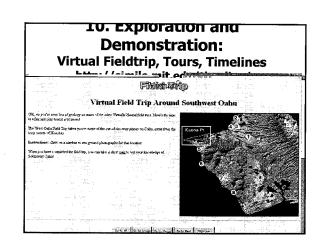
5: Online Warm-ups Activities Just-In-Time-Teaching (JiTT) http://webphysics.iupui.edu/jitt/jitt.html TEACHIG TEACHIG The actual a base from white capput free based a foundation. Froncion who from Pale 19811, 49,3144











Part II: 10 Blended Learning Solutions

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)





Blended Solution #1.

Divide Online and Class Experiences (e.g., English Classes Online)

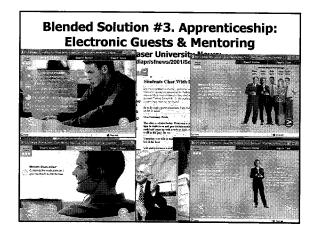
Graham, Ure, & Allen (2003, July). Blended Learning Environn
A Literature Review and Proposed Research Agenda

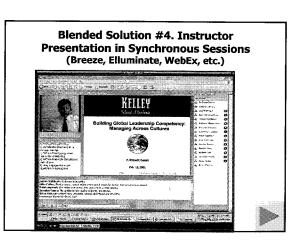
 Freshman English at BYU: Students are required to meet F2F once a week instead of three times a week. Online modules provide writing instruction and teaching assistants use online and F2F contact to provide feedback and guidance on writing (Waddoups et al., 2003).

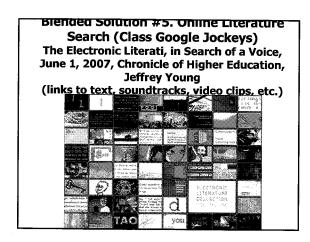


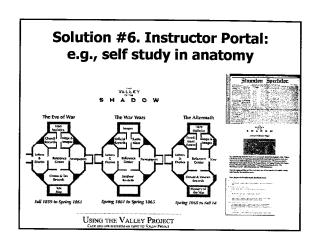


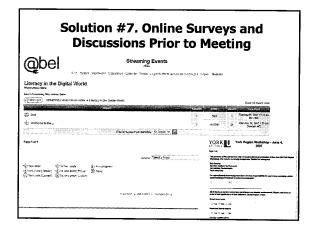
Blended Solution #2. Video Streamed Lectures and Expert Commenting Proved first Lening in Proved Commenting in Pr

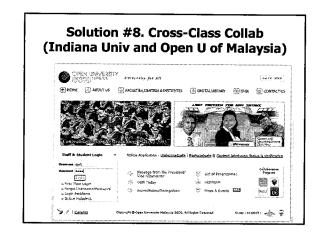


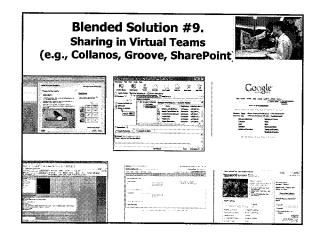










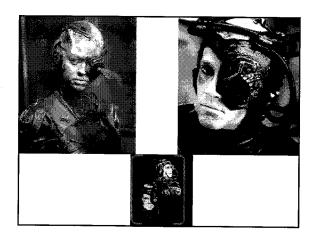


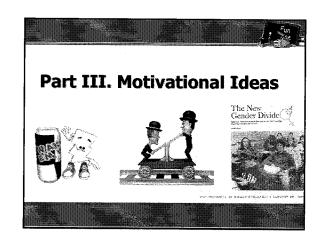




What can we say about blended and learner-centered learning then???

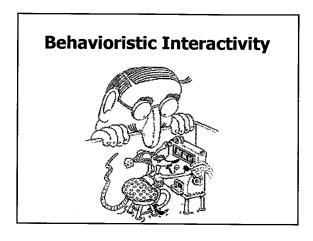
- It is everywhere!!!!!!!!
- Resistance is futile!!!!!!





Top Reasons for Dropping Out (Deosnews, May 2004; Frankola, 2001)

- Lack of time
- · Lack of management oversight
- Lack of motivation
- Lack of student support
- Individual learning preference
- · Poorly designed course
- Substandard/Inexperienced instructor



Three Most Vital Skills

The Online Teacher, TAFE, Guy Kemshal-Bell (April, 2001)

- Ability to engage the learner (30)
- Ability to motivate online learners (23)
- Ability to build relationships (19)
- Technical ability (18)
- Having a positive attitude (14)
- Adapt to individual needs (12)
- Innovation or creativity (11)



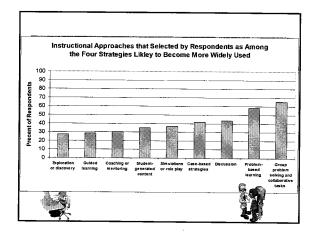
Intrinsic Motivation

"...innate propensity to engage one's interests and exercise one's capabilities, and, in doing so, to seek out and master optimal challenges

(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.





So, I reflected on this for a moment...



Ok, Million Dollar Question: How can you motivate learners online?



TEC-VARIETY Model for Online Motivation and Retention

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

1. Tone/Climate: Ice Breakers

C. Eight Nouns Activity:

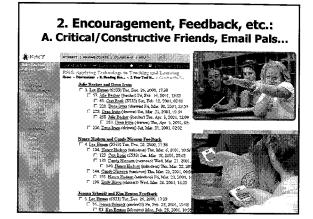
- 1. Introduce self using 8 nouns
- 2. Explain why choose each noun
- 3. Comment on 1-2 peer postings

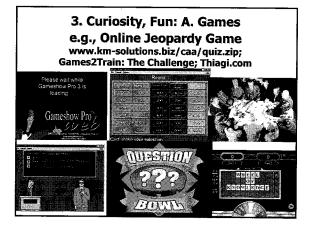


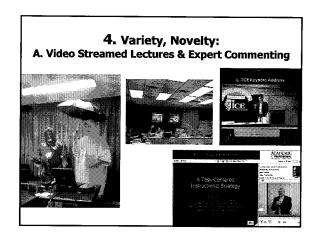
D. Two Truths and One Lie

1. Post 3 things and students must figure out which is the lie.



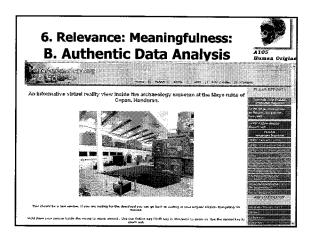






5. Autonomy, Choice: B. Multiple Topics

- Generate multiple discussion prompts and ask students to participate in 2 out of 3
- Provide different discussion "tracks" (much like conference tracks) for students with different interests to choose among
- List possible topics and have students vote (students sign up for lead diff weeks)
- Have students list and vote.



7. Interactive, Collaborative: D. Discussion: Starter-



Wrapper (Hara, Bonk, & Angeli, 2000)

- Starter reads ahead and starts discussion and others participate and wrapper summarizes what was discussed.
- Start-wrapper with roles--same as #1 but include roles for debate (optimist, pessimist, devil's advocate).
- E. Alternative: Facilitator-Starter-Wrapper (Alexander, 2001)

Instead of starting discussion, student acts as moderator or questioner to push student thinking and give feedback

8. Engagement: A. Text Messaging Students at the Mennonite Centre for Newcomers

are testing mobile learning - downloading an English grammar lesson, then answering a series of multiple choice, or true or false questions.

CBCNews

CANADA | EDMONTON

Text-message course helping newcomers learn English

A pen and paper aren't necessary in an Edmonton classroom where students are learning English with tool — text messages on their celiphones.



9. Tension, Challenge, etc.:

B. Scenario Learning (Emmis Communications)













10. Yields Products: Concept Maps, Video Papers, Virtual Timelines



99 seconds: What have you learned so far?

 Solid and Fuzzy in groups of two to four





Part IV. Addressing **Learning Styles**



Why Address Learning Styles?

- · Promotes reflection on teaching
- Move from just one mode of delivery
- View from different viewpoints
- Offer variety in the class
- Might lower drop-out rates
- Fosters experimentation





Poll 1: Which learning style do you prefer?

- a. Read (Auditory and Verbal Learners)
- b. Reflect (Reflective Learners)
- c. Display (Visual Learners)
- d. Do (Tactile, Kinesthetic, Exploratory Learners)

Kolb (1984)

- According to Kolb, effective learning involves four phases:
 - from getting involved (Concrete Experience) to
 - listening/observing (Reflective Observation) to
 - creating an idea (Abstract Conceptualization) to
 - making decisions (Active Experimentation).
- A person may become better at some of these learning skills than others; as a result, a learning style develops.





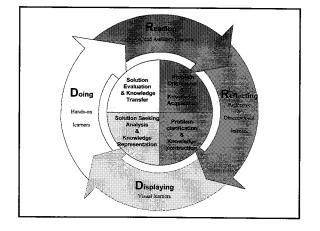




Index of Learning Styles Questionnaire Barbara A. Soloman, North Carolina State Univ http://www.engr.ncsu.edu/learningstyles/ilsweb.html



- 6. If I were a teacher, I would rather teach a course
 - (a) that deals with facts and real life situations.
 (b) that deals with ideas and theories.
- 7. I prefer to get new information in
- (a) pictures, diagrams, graphs, or maps.
 (b) written directions or verbal information





The R2D2 Method



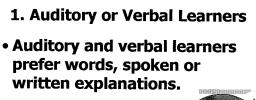
- 1. Read (Auditory and Verbal Learners)
- 2. Reflect (Reflective Learners)
- 3. Display (Visual Learners)
- 4. Do (Tactile, Kinesthetic, Exploratory Learners)







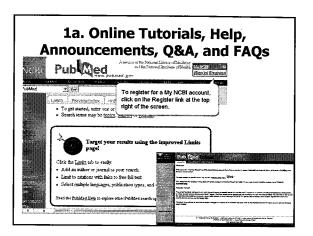


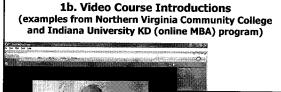








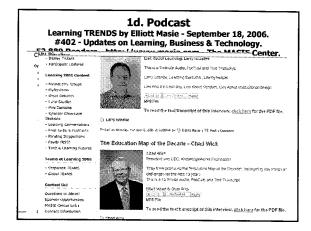






1c. Use of Weblogs (especially English writing class)

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



Educational Applications of Podcasting (Essex, 2006, Leftwich, 2007)

- 1. Recordings of lectures (Coursecasting)
- 2. Supplemental textbook or entire book
- 3. Student projects
- 4. Interviews
- 5. Language lessons
- 6. Oral reports
- 7. K-12 classroom interactions
- 8. Downloadable library of resources
- 9. Recordings of performances



ic

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









2a. Post Model Answers

Cossilar ees too Lendon S.C. (Prospersor Loreum filters at 200)

Employment Law and Ethics Project

Would it be illegal for Laure to recommend Billings instead of Lewis? Explain, being specific about the legal doctrines that would apply?

Under both Tide VII of the 1964 Givil Rights Act and Section 1981 it is allegal to discriminate on the basis of race or color, and Lewis would likely win a leavant using the claim of disparate treatment if he were not recommended for the promotion. If Leuis does not recommend Lewis, their gailty of violating the law. None of the three primary difference—eminatry, nexts, or boars file occupational qualification—epoly to thus situation since Lewis has higher semonity, requis falls, and more distant experience with power tools, than does to their centified Frenk Brilliags.

semonty, equal shalls, and more direct apprience with power tools, than does the other candidate Frank Billings.
The VIT "probable interimination based on rase, other, religion, saw, and national origin in hising, firing, job
assignments, pay, access to tensing and apparenticathip programs, and must other employment decisions." ARPCO
is a covered entity under Talle VII because they are "employing 15 or more employees and engaging in an industry
affecting interests commerce" and as for east footback again out," as of November 22, 1991, the Corol Rights Arch
1991 extended goust-toin from discrimination in employment to U.S. claims working in foreign counties while
employee by U.S. firms."

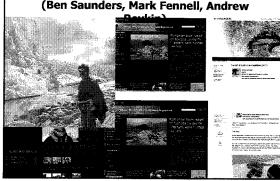
In this case, Title VII's disparate impact is not applicable since ARPCO's policy clearly states to "pro-

2b. Reuse Blog, Chat **Transcripts, Presentations**



2c. Reflecting on Adventure **Blogging**

(Ben Saunders, Mark Fennell, Andrew



2d. Practitioner Feedback: **Asynchronous Threaded Discussion plus** Sync Expert Chat (e.g., Starter-Wrapper + Sync

Guest Chat) (L/M = Cost, M = Risk, M = Time)

⊘ SiteScape Forum **> 60**0 60 6

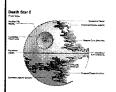
45. Real-time Chat is Enabled... And also More Async Questions for Bob, Erping, Julia,

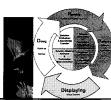
Posted on 11/00/01 07,14 PM Meddled by Chin-Hung Wang on 11/05/01 07,57 PM

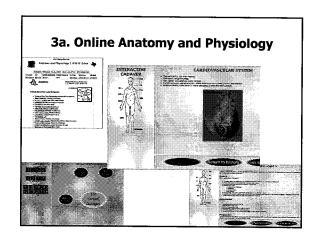
Ok. class post more Chapter 8, 3, or 10 questions here. Bob, Felm, Esping, Kara, Julia, and others maybe 1059. Therein

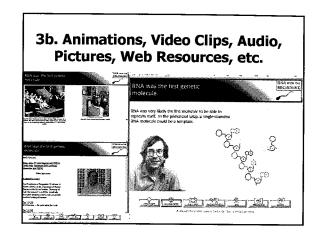
3. Visual Learners

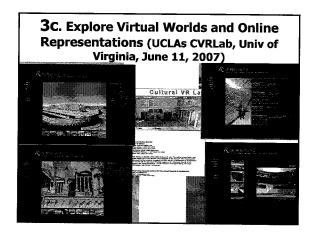
· Visual learners prefer diagrams, flowcharts, timelines, pictures, films, and demonstrations.

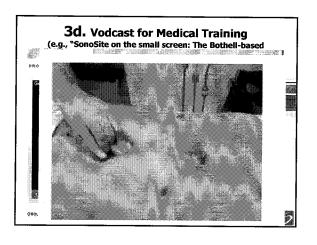


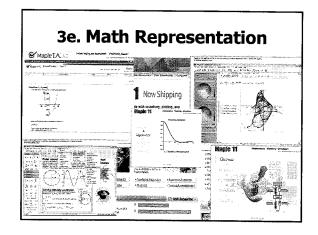


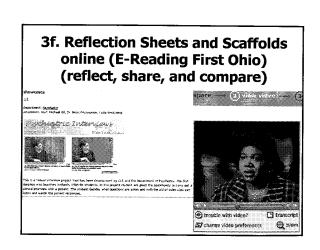


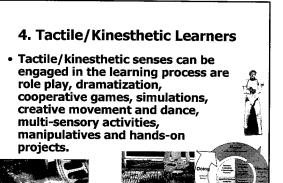


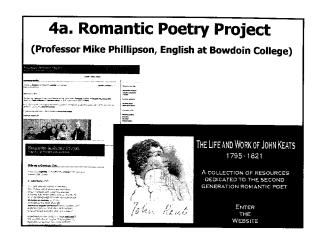


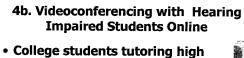






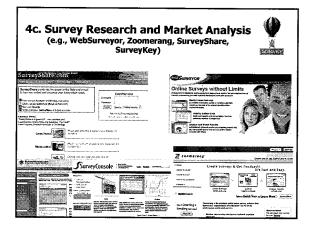


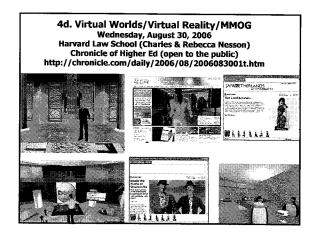


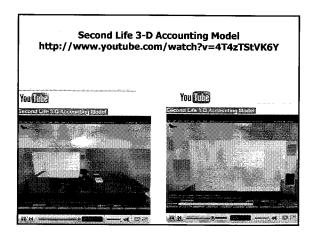


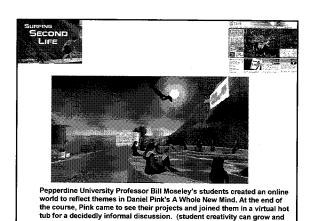
- College students tutoring high schools on their homework
- Instructors observing how teacher education students are doing in field placements (practice presentation and communication skills)
- · Interpret speaker via Web cam











flourish; July 2007)

