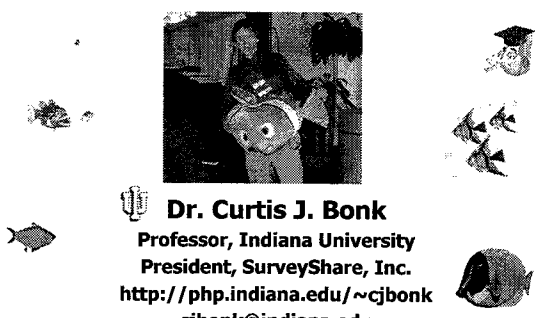
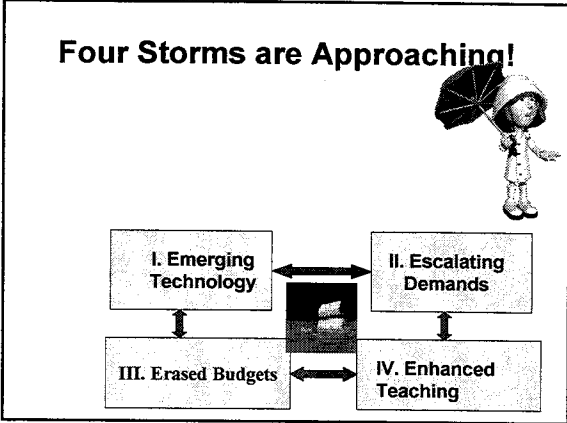


## From R2D2 to the Matrix: A Galaxy of Online Learning Style and Motivational Examples

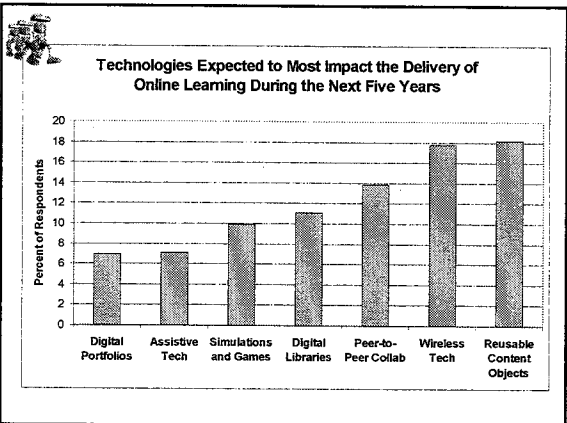


**Dr. Curtis J. Bonk**  
 Professor, Indiana University  
 President, SurveyShare, Inc.  
<http://php.indiana.edu/~cjbbonk>  
[cjbbonk@indiana.edu](mailto:cjbbonk@indiana.edu)



## Storm 1. Emerging Learning Technologies

1. Assistive Technologies & Talking Computers
2. Blogs and Online Diaries
3. Digital Portfolios
4. Electronic Books
5. Online Communities and Learning Portals
6. Intelligent Agents
7. Online Exams and Homework
8. Online Games and Simulations (Massive Multiplayer Gaming)
9. Online Translation Tools & Language Lrng
10. Course Management Systems
11. Peer-to-Peer Collaboration
12. Reusable Content Objects
13. Videostreaming, IP Videoconferencing
14. Virtual Worlds/Reality
15. Wearable Computing
16. Wireless Tech: Tablet PCs, Handheld Devices



## Money

### Generation Y: They've arrived at work with a new attitude

By Stephanie Armour, USA TODAY

They're young, smart, brash. They may wear flip-flops to the office or listen to iPods at their desks. They want to work, but they don't want work to be their life.


**Jessica Lewis, 25**, finds it amusing that she, an executive recruit, equated to her.

by Dawn Blos, USA TODAY

This is Generation Y, a force of as many as 70 million, and the first wave is just now embarking on their careers — taking their place in an increasingly multigenerational workplace.

Get ready, because this generation — whose members have not yet hit 30 — is different from any that have come before, according to researchers and authors such as Bruce Tulgan, a founder of New Haven, Conn.-based RenaissanceThinking, which studies the lives of young people.

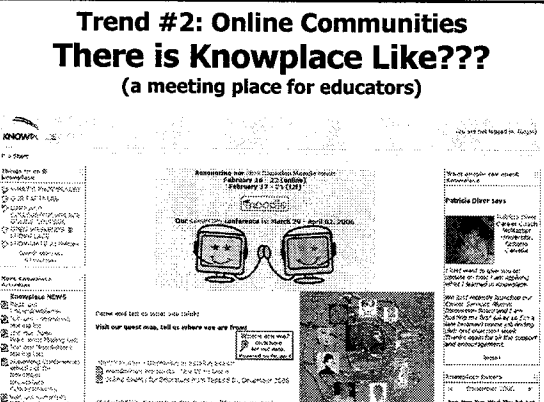
This age group is making its way into the labor force during a time of major demographic change, as



## Generation Y



## Trend #2: Online Communities There is Knowplace Like???

(a meeting place for educators)



Knowplace is a virtual community for educators. It offers a space for sharing ideas, resources, and experiences. The page includes a navigation menu, a main content area with a cartoon character, and a sidebar with additional information.

### Trend #3. Pod Casting Broadcasts (Adam Curry; www.dailysourcecode.com)





**BusinessWeek online**  
MARCH 7, 2005  
NEWS ANALYSIS TECH  
By Heather Green



#### Internet Radio 101

Want to podcast your own "station" or listen to the new medium's pioneers? Here's a guide to the Net's exploding choices. Tired of listening to the same old playlist on your iPod? Want background music at work that's more in tune with your tastes than the local radio station? Wanting to listen to talk shows on your own time? If the answer to any of those questions is "yes," then it's time to try radio. Internet-style.

Internet radio comes in all different types and flavors (see EW's 2005 "The New Music Revolution" focused on "podcasting," the audio technology that lets anyone become a deejay or a talk-show host).



### Trend #4. Wikipedia (Jimmy Wales, Founder)

**WIKIPEDIA**  
The Free Encyclopedia

English: The Free Encyclopedia  
Deutsch: Die freie Enzyklopädie  
Français: L'encyclopédie libre  
Galego: O Vocabulario Liberdade  
Svenska: Den fria encyklopedin  
Polski: Wolna Encyklopedia  
Português: A enciclopédia livre  
Español: La enciclopedia libre


日本語: フリー百科事典  
Nederlands: De vrije encyclopedie  
Italiano: L'enciclopedia libera

Search:

### Trend #5: Digital Universe

**DIGITAL UNIVERSE**

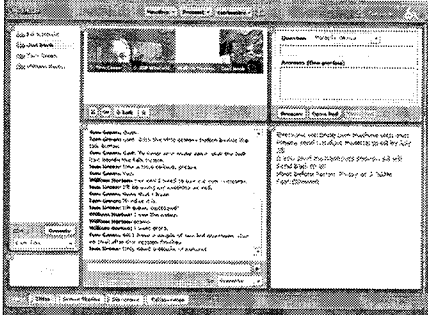
**3D EXPLORATION**  
The digital universe is growing. The 3D media capabilities of handheld devices such as smartphones, PDAs, and digital cameras, along with the growth of digital content, are driving the growth of the digital universe.



By 2008, the digital universe will be the largest of all. It will be made up of everything from digital photos and videos to digital books and documents. It will be everywhere, on every device, and it will be growing faster than ever.

The digital universe will be the largest of all. It will be made up of everything from digital photos and videos to digital books and documents. It will be everywhere, on every device, and it will be growing faster than ever.

### Trend #6: Synchronous Conferencing




The interface shows a grid of video feeds, a chat window, and a list of participants. The chat window contains text from participants, including "Hello everyone", "Hi", "How are you?", and "I'm good, thanks for asking".





### Many Innovative Technologies in by people in this audience

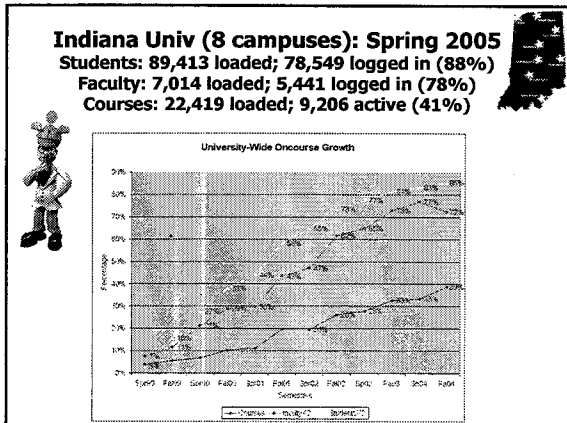


- Laser
- Focus Knob
- Power
- Power Cord




### On to Storm 2... Escalating (Learner) Demands



### Michigan Considers Requiring High-School Students to Take at Least One Online Course

By DAN CASSEY

The Michigan State Board of Education is set to approve a new graduation requirement today that would make every high-school student in the state take at least one online course before receiving a diploma.

The new requirement would appear to be the first of its kind in the nation. Mike Flanagan, the Michigan state superintendent of public instruction, said he proposed the online-course requirement, along with other general requirements, to make sure students were prepared for college and for jobs, which are becoming more technology-focused.

"We don't want our kids left in the global dust," Mr. Flanagan said. "It's an experience we need to have."

While most high-school students are adept at using the Internet, Mr. Flanagan said, few of them take courses online. But today's high-school students are increasingly likely to encounter online courses as more colleges turn to online education, he said.

The online-education proposal is included with several other proposed statewide requirements - including four years of English courses, three years of mathematics, and three years of science. Currently, the only state-required course for graduation in Michigan is a one-semester class in civics, although many of the state's local school districts have tougher requirements.

### Some Students Displaced by Katrina Say a Special Distance-Education Program Was an Academic Lifesaver

By JEFFREY A. YOUNG

The storm took Shawn C. Morris's house, but she is determined not to let it wreck her plans for an education.

A 40-year-old mother of three, Ms. Morris is a senior at the University of New Orleans. When Hurricane Katrina struck in late August, she and her husband fled their home in Chalmette, near New Orleans, to take refuge with family members in Lafayette, La., about 140 miles to the west. They watched on the television news and saw images of their neighborhood completely submerged. "It hadn't been for the water tower," she said, "we wouldn't have recognized it."

She took a full load of courses online at no charge during the fall semester, thanks to the Steam Computer, an effort by 153 colleges to use distance education to keep hurricane-displaced students on track academically. The innovative relief effort was set up, with remarkable speed and urgency.

### We're in the Midst of Storm 3: Erased Budgets

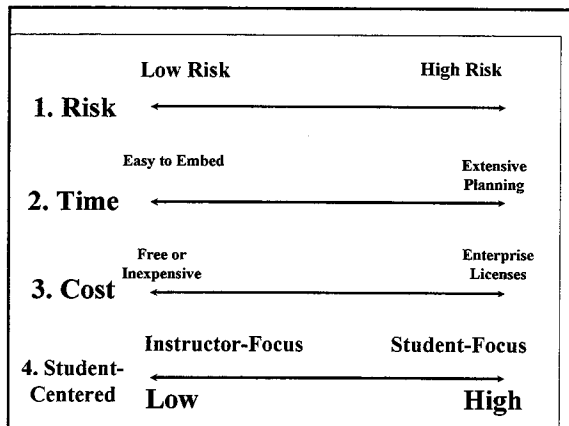
### In the Midst of Budget Cutbacks, there are Technology Giveaways

NEWS  
 Don't give up hope to education students

**Gateway M273 tablet PC, Winona State University, Mayville State University**  
 The schools will provide the tablet computers to full-time students who do not have laptops from previous programs.



**Hewlett-Packard HP213 PDA, University of Maryland**  
 The school has begun handing out the smallest personal digital assistant to faculty and more than 200 full-time graduate students in the School of Business.

### On to Storm 4: Enhanced Teaching (and Excellent Retention) (a swirling storm)

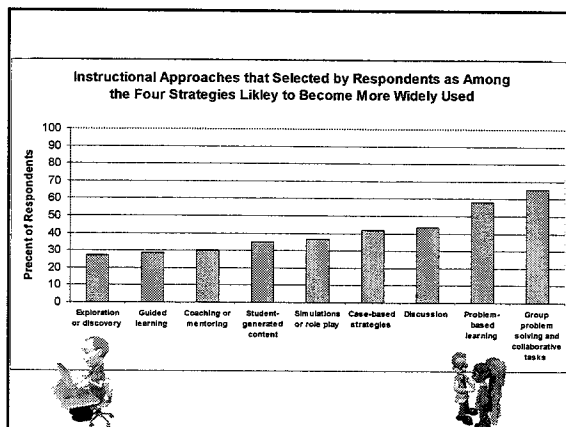


## Best Practices



## Part II. Mucho Motivation

Experience. The difference.



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

- ## 1. Social Ice Breakers
- A. Peer (or Team) Interviews:** Have learners interview each other via e-mail and then post introductions for each other. 
  - B. Public Commitments:** Have students share how they will fit the coursework into their busy schedules. 

## 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. Coffee House Expectations

1. Have everyone post 2-3 course expectations
2. Instructor summarizes and comments on how they might be met



1. **Photograph** - My first degree is in Biomedical Photographic Communications. While I don't work as a medical photographer, photography has always been a hobby. I have an online portfolio at <http://foto.indiana.edu/~rtrial> (and none of the digital nonsense - I use FILM!)

2. **Traveler (by road)** - I have developed a habit of taking a yearly road trip covering an average of 9,000 - 10,000 miles each year. I primarily travel to the southwest and California.

3. **Community** - I actively contribute to the Monroe County community with two tracks. First, I am a Volunteer Fireman with the Bloomington Township Volunteer Fire Department. Training in the Fire Service today includes everything from the traditional Fire and Rescue work, to Medical response and Hazardous Materials response. Second, I am an Amateur Radio Operator (HAM Radio). HAM Radio provides local, regional, and national communications in areas where regular communications channels are not available. For large local events, such as the Holly Handed Blue Tour, amateur radio operators also provide communications.

4. **Technology** - well, electronic technology. If it has a power supply, I want one. On a normal day, I carry a digital phone, an analog pager, and at least one portable radio (sometimes two). In my truck, I have an assortment of added 'toys', the list is too long to go into here.

5. **Music** - I listen to both kinds. Country and Western. I have expanded beyond that to include Bluesgrass from the

## 1. Social Ice Breakers

### E. Scavenger Hunt

1. Create a 20-30 item online scavenger hunt (e.g., finding information on the Web)
2. Post scores



### F. Two Truths, One Lie

1. Tell 2 truths and 1 lie about yourself
2. Class votes on which is the lie



### G. Favorite Web Site

## 2. Feedback. A. Student Self-Testing (e.g., Calm Chemistry)

Given the following molecules:

- SO<sub>2</sub> (tetrahedral, nonpolar shape)
- PF<sub>5</sub> (trigonal bipyramidal shape)
- SO<sub>2</sub> (tetrahedral shape)
- SO<sub>2</sub> (trigonal bipyramidal shape)
- None of the above

Which of these are associated with the depicted shape?

Trigonal bipyramidal shape

Pushout to continue

## 2. Feedback: Surveys B. Voting on Office Hours (detailed feedback) C. Campus Prearrival Survey

### Your Course Expectations

1. What are your expectations for Strategic Management and Leadership?

Check Spelling

Submit

Save Answers

powered by ANGEL - a CyberLearning Labs product



## 2d. Feedback. Apprenticeship: Electronic Guests & Mentoring

Guest Mentoring Tour

Mentor Reflections

The mentee's comments in terms of their skills and the amount of assistance they sought were quite interesting. The mentee's comments were quite interesting.

## 2. Feedback & Fostering Info Exchange: E. Critical/Constructive Friends, Email Pals...

Blackboard Course Page: Applying Technology to Learning and Learning

Home | Overview | A. Reading, Review, & Pre-Task... | C. Collaborate...

**John Becker and Dana Irwin**

- 1 Lec. Review (2/13/12) Thu, Dec 26, 2000, 17:38
- 21 Quiz Review (Weekly) Fri, Feb 18, 2001, 15:33
- 41 Quiz Review (Weekly) Sat, Feb 18, 2001, 13:00
- 212 Quiz Review (Weekly) Fri, Mar 30, 2001, 23:59
- 222 Quiz Review (Weekly) Sat, Mar 31, 2001, 01:54
- 223 Quiz Review (Weekly) Thu, Apr 5, 2001, 12:05
- 263 Quiz Review (Weekly) Thu, Apr 5, 2001, 03:47
- 420 Quiz Review (Weekly) Sat, Mar 31, 2001, 05:02

**Nancy Hudson and Candy Nicross Feedback**

- 4 Lec. Review (2/13/12) Thu, Dec 26, 2000, 17:38
- 104 Quiz Review (Weekly) Thu, Mar 8, 2001, 10:56
- 113 Quiz Review (Weekly) Thu, Mar 15, 2001, 20:43
- 118 Quiz Review (Weekly) Thu, Mar 21, 2001, 18:39
- 141 Quiz Review (Weekly) Thu, Mar 22, 2001, 07:07
- 144 Quiz Review (Weekly) Thu, Mar 22, 2001, 09:09
- 152 Quiz Review (Weekly) Fri, Mar 23, 2001, 14:18
- 194 Quiz Review (Weekly) Wed, Mar 21, 2001, 19:22

**Jessica Schmidt and Kim Rawson Feedback**

- 4 Lec. Review (2/13/12) Thu, Dec 26, 2000, 17:38
- 76 Quiz Review (Weekly) Thu, Feb 23, 2001, 15:08
- 81 Quiz Review (Weekly) Thu, Feb 26, 2001, 10:35

## 2. Feedback (Instructor) f. Anonymous Suggestion Box



George Watson, Univ of Delaware,  
Electricity and Electronics for  
Engineers:

1. Students send anonymous course feedback (Web forms or email)
2. Submission box is password protected
3. Instructor decides how to respond
4. Then provide response and most or all of suggestion in online forum
5. It defuses difficult issues, airs instructor views, and justified actions publicly.
6. Caution: If you are disturbed by criticism, perhaps do not use.

## 3. Engagement A. Brainstorming Chat

- Come up with interesting or topic or problem to solve
- Anonymously brainstorm ideas in a chat discussion
- Encourage spin off ideas
- Post list of ideas generated
- Rank or rate ideas and submit to instructor
- Calculate average ratings and distribute to group

## 3. Engagement B. Questions to Guide Reading

Study Questions to Guide Your Reading

1. The 7-6 model provides a conceptual framework for helping leaders and managers meet through the challenges of aligning an organization with its strategy. What are the symptoms of misalignment? (i.e., when there are misfits between strategy and the 7-6's?)

2. Stake et al. suggest that inter-firm competition has shifted from competing on assets to competing on capabilities. What is a "capability"? How can a capability be used to compete with other firms?

## 4. Meaningfulness: A. Authentic Data Analysis

Jeanne Sept, IU, Archaeology of  
Human Origins; Components: From  
CD to Web

- A set of research q's and problems that archaeologists have posed about the site
- A complete set of data from site & background info
- Students work collaboratively to integrate multidisciplinary data & interpret age of site
- Interpret of ancient environments
- Analyze artifacts and fossils from the site



Archaeology



## 4B. Real World Problems (PBL online): Real-time Cases

REALTIME

Supercharging the case method,  
making it more realistic and  
engaging

Professor James Treanor  
Dean, Professor of Entrepreneurship,  
University of Massachusetts, Amherst

