

Beyond the “That’s Cool” with Web 2.0 in the Virtual and Face to Face Classroom

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What We'll Talk About

- Outline the LIB105 course objectives
- Who are our students and is the label iGen, net gen, or millennial really accurate for instruction?
- ECAR Undergraduate Survey and how this frames our use of Web 2.0 Technologies
- Why use Web 2.0 tools such as Voicethread, blogs, Jing, Diigo, podcasts, and wikis in online and face to face classes via a CMS?
- How we use these Web 2.0 tools in a Gen Ed class
- What we've learned so far. . .

LIB105 at SUNY Plattsburgh

Required Minimum Introductory Level Learning Outcomes:

Information Literacy

- Identify different types of information (Primary/Secondary; Analytical/Factual, etc...)
- Identify different types and formats of information sources
- Formulate topics and research statements/questions
- Understand the organization structures and systems of information both in print and online
- Construct and implement search strategies
- Use efficient search techniques
- Articulate and apply evaluative criteria
- Interpret and construct citations

LIB105 at SUNY Plattsburgh

Required Minimum Introductory Level Learning
Outcomes continued:

Information and Technology Issues

- Understand and respect intellectual property rights
- Communicate about at least one social/ethical information technology issue

Technology Literacy

- Communicate and synthesize information using word processing, spreadsheet and presentation software
- Understand issues in current and emerging technologies and their role in communicating and analyzing information

Discussion of the iGen/ net gen/ millennial archetype

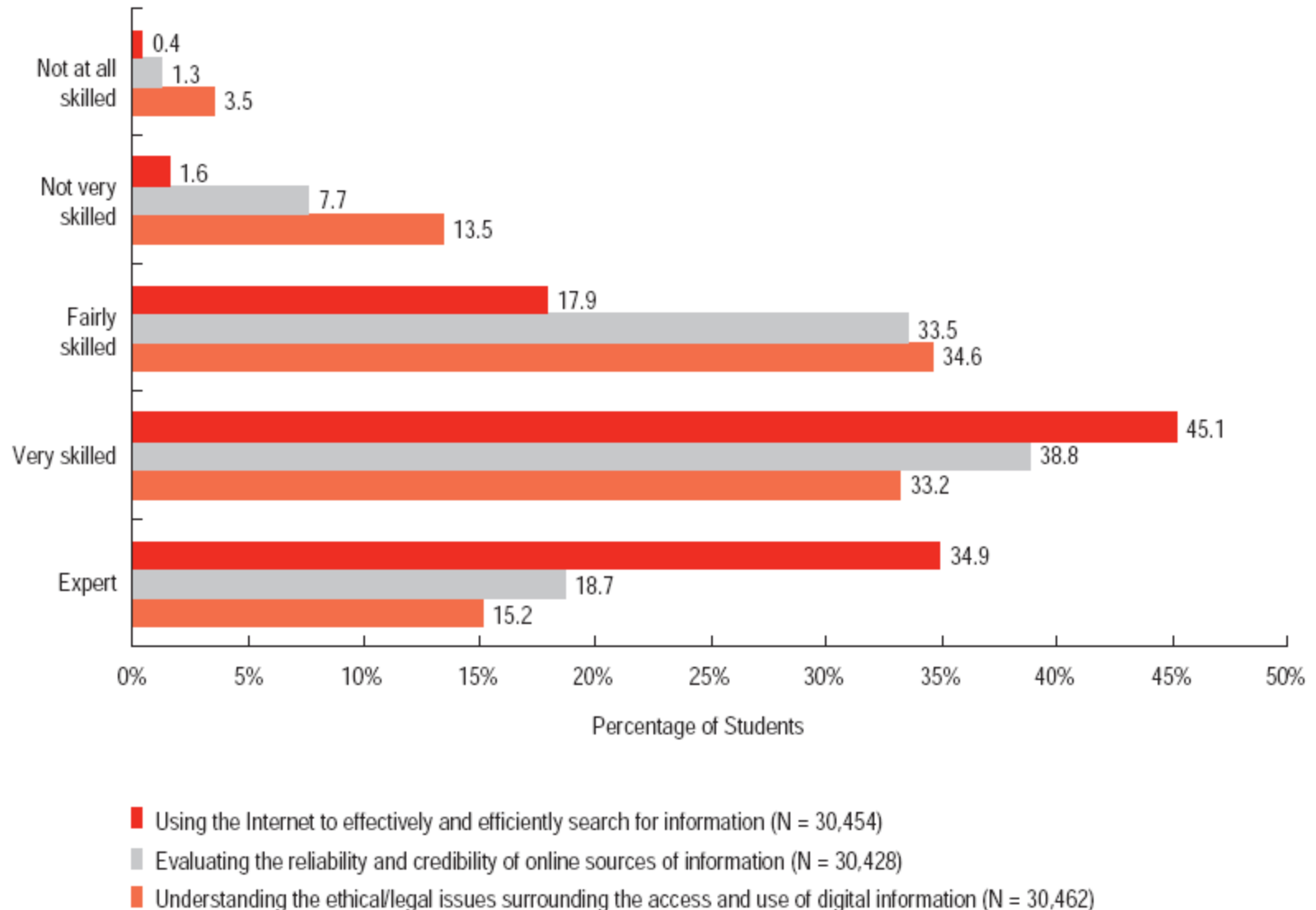
- Publications from the start of this century identify a new generation of students
- Archetypes:
 - Digital Natives/Digital Immigrants by Prensky
 - Millennials Rising: the Next Great Generation by Howe and Strauss
- Students that are “Confident. Connected. Open to Change”.
(Pew Social & Demographic Trends label)

iGen / net gen/ Millennial Archetype debunked

- Data source for Millennials Rising Research
- Twenge: narcissism
- Bauerlein: Dumbest Generation
- Hargittai: Not ubiquitous, digital savvy dependent on socioeconomic status

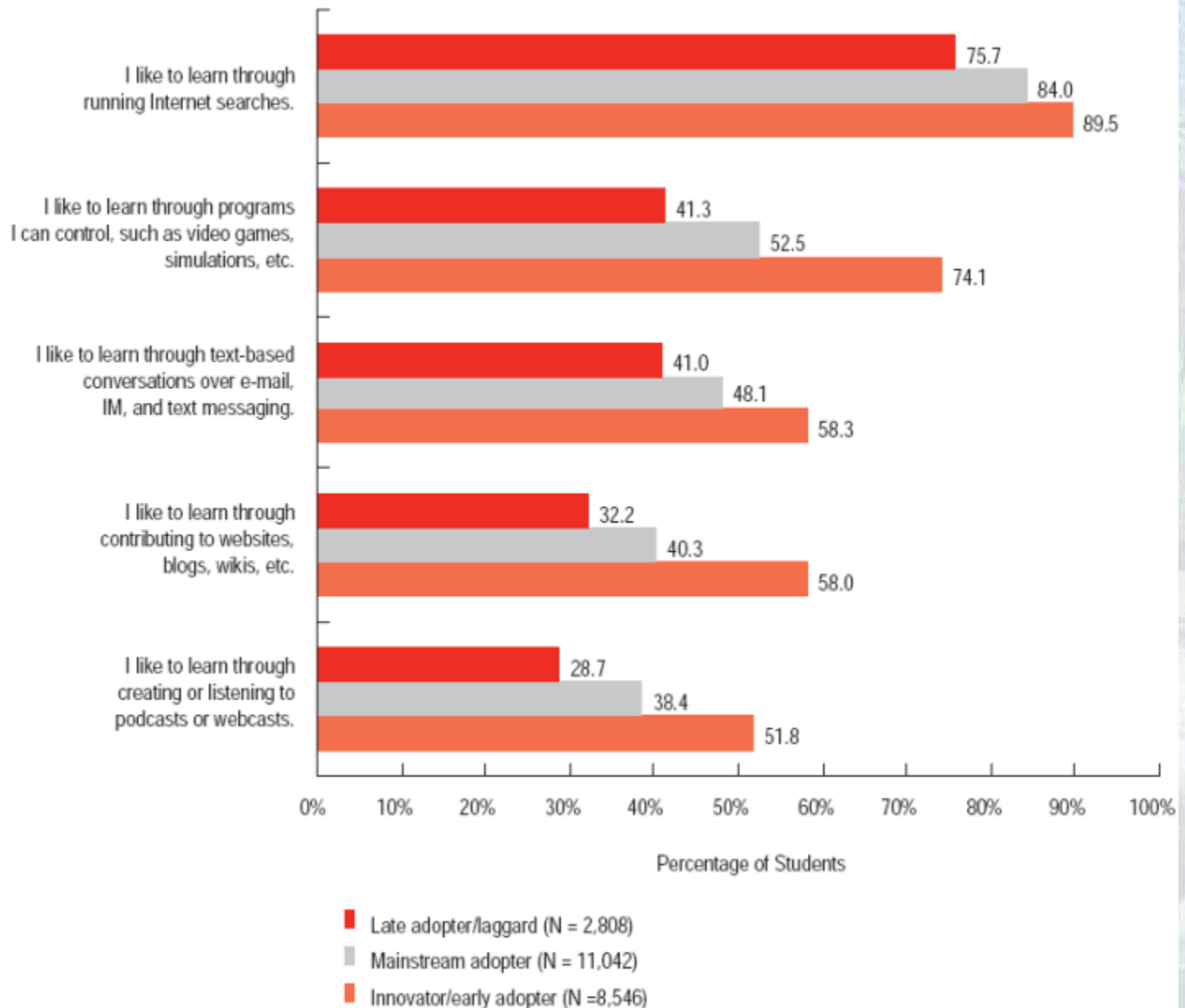
What do we really know about our students? ECAR Study 2009

Figure 4-11.
Student
Information
Literacy Self-
Assessment



How do students like to learn? ECAR Study 2009

Figure 5-3. How Students Like to Learn with Technologies, by Technology Adoption



ECAR Roapmap Observations

Students desire multiple opportunities for learning through the use of technology

“Today students use a wide variety of technologies in their work, academic and social lives. These technologies enhance their daily living, and students adopt technologies readily.”

Students like to learn by a variety of methods:

- Running Internet searches
- Video games
- Text based conversations over email, IM, and text messaging
- Contributing to websites, blogs, wikis
- Creating or listening to podcasts or webcasts

ECAR Roapmap Observations

Faculty should bring communication technologies into instruction

- Many students use social networking in their courses today—often creating study groups and other interactions with classmates without the knowledge of the instructor.
- Institutions should consider how they can encourage and engage instructors in the use of these technologies.

Voicethread as Web 2.0 Tool

- Introduce yourself in an engaging/personable way to students
- Create a class community
 - Students see other student pictures
 - Inform each other a little bit about themselves and interests
- Technology: upload pictures
- Technology: icebreaker, similar to IM or texting

Voicethread: Icebreaker



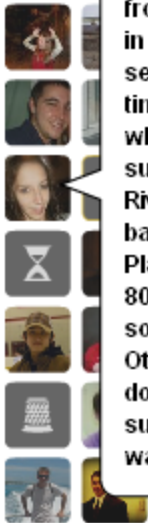
Assignment: Introduce Yourself to your Classmates on VoiceThread

[Settings](#) [Reports](#) [Utilities](#) [Delete](#)

powered by voicethread.com

I am majoring in Elementary Education and am currently a sophomore. I transferred to PSU from North Country Community in Malone, NY and this is my 3rd semester at PSU. I spend alot of time with family and friends when I am not working as a substitute teacher at Salmon River Central School. I travel back and forth to the campus in Plattsburgh twice a week from 80 minutes away, which is sometimes a real struggle. Other than that, I love what I'm doing and hope to be as successful this semester as I was last semester!

Introduce Yourself to Your Classmates:
What major?
Have you been at PSU?
What are some of your interests?



comment

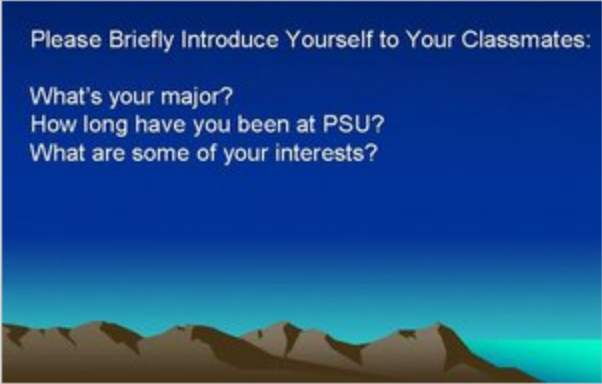


Instructions emailed to students:

[« Back to Search Results](#) Archive Report spam Delete Move to Inbox Labels▼ More actions▼

Karen has invited you to the Welcome to LIB102 Spring 2010 VoiceThread. [Inbox](#) | [X](#)

★ **Karen** to me [show](#)



Please Briefly Introduce Yourself to Your Classmates:

What's your major?
How long have you been at PSU?
What are some of your interests?

[Welcome to LIB102 Spring 2010](#) (1 page)

Click the image or the link above to view and participate in the [VoiceThread](#). Making comments is really simple and you can delete and re-record as many times as you like.

A [VoiceThread](#) is an online media album that allows a group of people to make comments on images, videos, and documents, really simply. You can participate 5 different ways - using your voice (with a microphone or telephone), text, audio file, or video (with a webcam). It's easy to control who can access and comment on a [VoiceThread](#), which makes it a secure place to talk about almost anything: business and academic presentations, travelogues, family history, art critiques, language study, tutorials, book clubs and digital storytelling. A [VoiceThread](#) allows an entire group conversation to be collected from anywhere in the world and then shared in one simple place.

Voicethread: Sending invitation to students

Welcome to LIB102 Spring 2010 (edit)

1. Upload/Edit



2. Comment



3. Share



Get a Link



to Share or Select individual Groups or Contacts below:

Orgs & Groups

New +



My Contacts

My Contacts

6 selected

Send Invite



Add +

All

None



Alan



Anne



Brett



Carla



christie



Christopher



Craig



Voicethread Observations

- Learning curve for first time set-up/ view instructional videos
- Flexible: audio, video, or text options
- Need to input student name/email
- Students preferred to type response-they did not select the voice or cell option
- Not all students chose to upload a picture
- Registration sometimes an issue
- Be prepared to resend the invitation to select students

Blog as Web 2.0 Tool

- Blog in ANGEL CMS not feature rich
- Blog using Blogger.com to discuss ethical and socio-economic issues in the application of information technology



Blog Theme: Emerging information technologies and social/ethical issues surrounding uses of these technologies.

- [Module 2](#): What do changes in computer technology mean to you?
- [Module 3](#) : What are you revealing about yourself as you surf the web? Should this information be sold?
- [Module 4](#) : What happens to our old electronic stuff? E-Waste. . . .
- [Module 5](#): How is Social Networking Changing Society?
- [Module 6](#): What about copyright? Who can publish on the web?

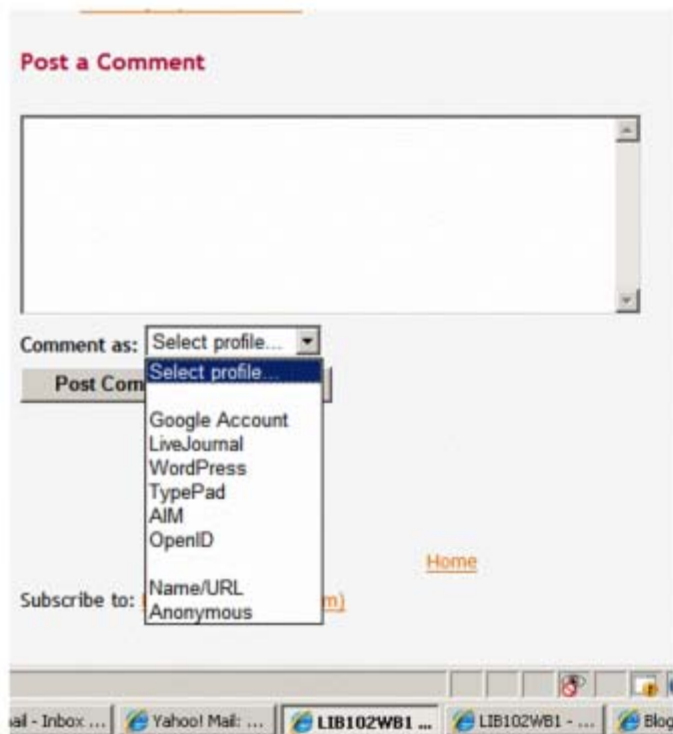
Blog Instructions within assignment

Accessing the Course Blog

The URL for the Course Blog, LIB102, is <http://wb1lib102spring2010.blogspot.com/> You can also access the blog from the Resources tab, under Useful Links.

There is no password, the web page that opens is the blog. Be sure to click the little arrow next to February (on the left of the screen) to see all the blog posts. After reading the postings and any comments your classmates have made, you can write and post your own comment.

To add a comment, scroll down near the bottom of the page you are reading and want to respond to. You'll see something like the picture below or click on the Comments link to get to this screen:



It's very important that when you "Select Profile" you **choose the option Name/URL**. Simply type in your **first name and initial of your last name**. That's enough for me to recognize you. You don't need to put in a URL.

Blog Topic

Module 4 Blog: What happens to our old electronic stuff? E-Waste. . . .

Last week we blogged about what is ethical use of web surfing behavior/data. This week I'd like to take a step back and think about ethical use/disposal of information technology hardware from an international perspective.

What happens to that old computer, laptop, cellphone, or iPod when it becomes out of date and you buy a new one? Do you try to recycle it? Do you simply trash it? What can happen when you try to be responsible and recycle it?

All of this out of date electronic equipment is referred to these days as E-Waste. What's so dangerous about E-Waste and how did this get to be a global issue?

As you post comments, try to include information for the class on resources that provide solutions to the e-waste problem or give more information about the extent of this issue.

Take a look at the clips below from YouTube and 60 minutes for some global perspective.

E-Waste: Dumping on the Poor



From 60 Minutes--The Wasteland

<http://www.cbsnews.com/video/watch/?id=5274959n&tag-related;photovideo>

Sample Blog Exchange

February 23, 2010 5:21 PM

Jennifer R said...

I never thought about where the e-waste went. I would think that America would have ways to deal with e-waste that were more ethical. I think it is awful that we are shipping all this dangerous material over to China. The pictures of the water and all the computer and electronic parts all over the place were disturbing. I can't believe that I have never heard about this before, it seems like it would have some sort of public outcry. These reports have made me think twice about where my e-waste is going and maybe I should hold onto it longer and create less waste.

February 23, 2010 7:30 PM

Mat Maloney said...

I am sorry to say, but I came away thinking that there are many more serious issues in the world. None the less, I think I can tackle the issue. He never really showed the third world countries using these old machines, but rather donations to U.S. citizens. I imagine many older machines could be used there.

Another issue, as dangerous as these jobs are (let me make it clear, I'm not supportive of these jobs), banning them would most likely have a devastating affect on these communities. I remember reading an article about how an international group (Westerners) pushed to have child labor banned in a third world country, Bangladesh I believe. They succeeded, and a little over a year after the ban, the majority of those children had either starved to death or became prostitutes.

These jobs are bad, but if these people voluntarily take them it is because they believe they will better off with the jobs. These jobs give them income and while it isn't healthy, starvation is a much more serious danger they face.

Sample Blog Exchange

February 24, 2010 11:51 AM

Katie P said...

This topic was very interesting to me, especially after reading some of the posts from all of you. Mat, your post was really interesting because I have mixed emotions on that. While it doesn't seem like a big deal right now, and yes there are "bigger" issues, this has the potential to become a catastrophic disaster within a limited amount of time.

Maybe I am going a little overboard but it seems like a lot of the electronics made today are not made to last like they used to be. They are made to be used for a couple years and then upgraded. With all the upgrading there will be tons (literally) more waste to deal with in the future.

If this problem is looked at seriously now, it could be taken care of before it gets even more out of control than it already is. I found an article on-line that states:

"This report gives new urgency to establishing ambitious, formal and regulated processes for collecting and managing e-waste via the setting up of large, efficient facilities in China," said U.N. Undersecretary-General Achim Steiner, executive director of the U.N. Environment Program, in a release."

http://www.upi.com/Science_News/Resource-Wars/2010/02/24/Electronic-waste-a-growing-problem/UPI-61871267038424/

Not just in China but all over the world there are opportunities to create jobs just by creating facilities that allow for the disassembly of electronics back into raw materials that could be recycled back into the new electronics. I say this because you know that the new and improved products will never stop but the use of raw materials could be "reinvented".

Blog Observations

- Solicited participation from all students, not just a select few
- Blog posting encourages students' use of own voice/opinions
- Students read their classmates' postings and felt free to disagree
- Students read the material provided, especially when a YouTube video is embedded in the blog
- Students engaged in further information seeking behavior on topics and shared with their classmates

Jing as Web 2.0 Tool

- Provide feedback for students
- Quick clarification tool
- Demonstration tool
- Detailed assignment instructions
- Website evaluation
- Editing student papers with audio
- Easy download from [Screencast.com](http://www.screencast.com)

Why use Jing?

- Free and easy to learn
- Audio *and* video presentation tool
- Saves to Screencast site, generates link to share. Storage at site
- Anytime, anywhere sharing tool
- Up to 5 minute video capture
- Pro version inexpensive and uploads to YouTube

Using Jing with Moodle

Introduction to Information and Technology Literacy


UA ► LIB105 Switch role to... Turn editing on

Course

- Documents: Anne de la Chapelle
- Welcome!
- Contact
- Overview
- Online learning support
- Academic Integrity
- Course Schedule
- Objectives
- My Expectations
- How you will be evaluated
- Moodle Help
- What to do now: Your

Topic outline

LIB 105
Anne de la Chapelle



- Listen to an overview of the course from Anne.
- Forum for peer review,
- News forum
- Your Bulletin Board

1 Module 1: Welcome to the class. Do these activities prior to start of class.

- Google yourself and tell us what you find.

People

Participants

Messages

No messages waiting
Messages...

Calendar

May 2010

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Events Key

- Global
- Course
- Group
- News/0158

Using Jing to Teach the Online Catalog

The Online Library Catalog

Online library catalogs are the databases that you use to access traditional book material. These databases provide access to records of the items physically located in a library and to number of fields. For most library users, the three fields you will use most often to search are Title, Subject and Author. There is usually a default search option that allows you to search

The Online Catalog

We have a new online catalog at Feinberg Library this year. You can access it from the Library home page by using the link, [Search Feinberg, NYS libraries, and libraries worldwide](#)

Feinberg's online catalog is probably similar to other library catalogs that you have used. But each catalog has its distinctive features. One of the great features of this new catalog is that

- Books, etc. that *Feinberg Library* owns
- Books, etc. that libraries own that loan books to you with only about two day turnaround--*Quick delivery libraries*
- Books, etc. that libraries worldwide own and will loan you, but it takes at least a couple weeks to get what you want--*Worldwide libraries*.

Here's a quick **video**, [Online Catalog, Pt. 1](#), showing you a search using the new online catalog.

Here's a quick **video**, [Online Catalog, Pt. 2](#), showing you what to look for on the results page of a search and what you can learn about a book from the detailed record.

Try out a search for a book, using whatever topic you're interested in and see what you find. Play around with searching by Keyword, Title, Subject, and Author. Once you've found a book, **The key to getting good results from any database is experimentation.** The more you play around with the features of a database, the more effective your search results will be.

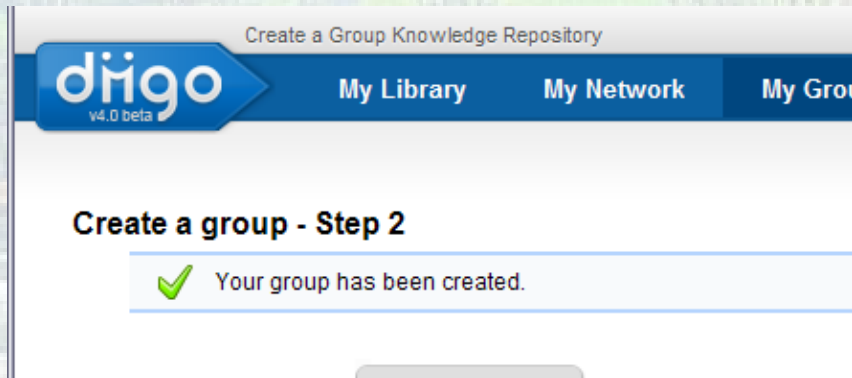
[Example: Link to Online Catalog, Pt. 1](#)

Observations

- Can link to file or embed code
- Files live at [Screencast.com](https://www.screencast.com)
- Efficient use of instructor's time
- Targeted in depth feedback for students
- Students appreciate individual attention
- Video screen capture is effective

Diigo as Web 2.0 Tool

- Free social networking site
- Create group site for class
- Send email invitations to students
- Low learning curve



What is Social Bookmarking?

The screenshot displays the Diigo social bookmarking interface. At the top, there is a browser tab labeled "My Library" and a navigation bar with the Diigo logo (v4.0 beta) and menu items: "My Library", "My Network", "My Groups", and "Community". The user's name "Anne de la Chapelle" and a "Message" link are visible in the top right. Below the navigation bar, the "My Library" section features a search box with the placeholder text "filter by tags, space-separated". A filter menu is set to "All" and includes options for "Unread", "Public", "Private", and "Annotated". The main content area lists three bookmarked items:

- 23 May 10** [Comparing 12 Free Screencasting Tools | Emerging Internet Technologies for Education](#)
more from www.emergingedtech.com - Snapshot - Edit - Delete - Share ▼ - Preview
tags: [screencasting](#) [web2.0](#) [tools](#)
- [Learning to teach through video | In the Library with the Lead Pipe](#)
more from www.inthelibrarywiththeleadpipe.org - Snapshot - Edit - Delete - Share ▼ - Preview
- [Professional Development Resources](#)
more from hartness.vsc.edu - Snapshot - Edit - Delete - Share ▼ - Preview

Diigo Observations

- Social Bookmarking encourages collaboration
- Students evaluate web resources more closely when sharing
- Creates class community
- Portable and lasts beyond the course
- Toolbar loads easily

Podcasts as Web 2.0 Tool



Why use Podcasts?

- MyPodcast.com is free and easy to download
- Mp3 file format
- Link grab to send or embed
- Create quick instructional clips
- Audio is welcome change from text

Podcast Observations

- Auditory learning styles met
- Students will listen to audio clips
- Voice adds community to course
- Podcasts can provide advance welcome students to course
- Instructors personality comes through with audio

Wiki as Web 2.0 tool

- Represent new mode of knowledge creation and publication
- Demonstrate student based peer review
- Allows for group interaction and collaboration
- Reinforce class discussion/learning
- Slightly more formal collaboration than blogging

Wiki Instructions in Assignment

What this course wiki page to be about? It is to be a summary or overview of how technology affects our society (in positive or negative ways). **To get started** thinking about this, **read over the blog postings and comments** from the course. **Jot down some ideas** about what issues have been raised (and not just by me!)--many of the ways in which technology affects society were talked about in the comments you posted. Then see the instructions below for accessing the wiki page and adding your thoughts to create the page about Technology and Society. **Wiki pages are group efforts**, so you may provide a paragraph or two about an issue (like privacy or interpersonal relationships) and someone else may add to it or even change it. You may add a heading for new issue along with some text or add a URL to a relevant web site.

What do I do? For this wiki page, I expect you to **participate by contributing a paragraph or two** on the page about technology and society. Your paragraph should focus on a single theme or issue. It's more important that you reflect on what was discussed in the blog and participate in creating the content of the wiki page than it is what the page ends up looking like. The Recent Wiki Activity section of the page (bottom right) shows who has done what (as in Wikipedia) and I get emails each time you make a change to the page. (Adding a Comment in the Comment box **does not** count as contributing to the Wiki page.)

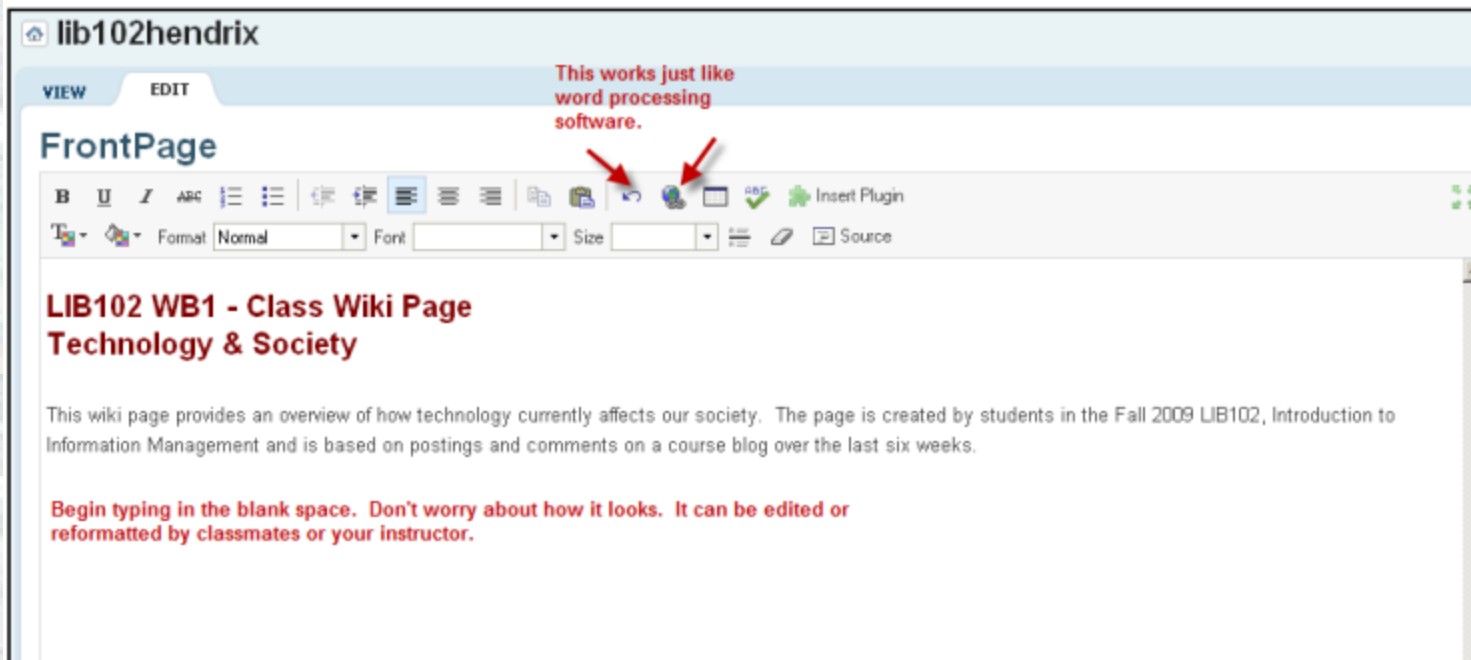
Where is the Course Wiki?

The URL for the Course Wiki is <http://wb1lib102spring2010.pbworks.com/>

See the information below for information on your username and password

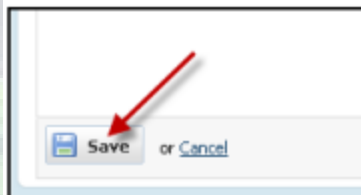
Wiki Instructions/Show Basics

4. You'll go to a version of the page that you can edit, just as you would using Word or other word processing software. Just place your cursor anywhere on the page, click and begin typing. you can **type your information, make formatting changes, link to other web pages**, etc. You can add headings, images, whatever you think will enhance the page. If you enter text and then decide you don't like it just choose the Cancel button. Otherwise, remember to **choose the SAVE** button!! If you get a message asking if you want to Steal The Lock, see the end of these instructions.



The screenshot shows a web browser window displaying a Wiki page titled "lib102hendrix". The page is in "EDIT" mode, indicated by the "EDIT" tab being selected. The page content includes a heading "FrontPage" and a sub-heading "LIB102 WB1 - Class Wiki Page Technology & Society". Below the heading is a paragraph of text: "This wiki page provides an overview of how technology currently affects our society. The page is created by students in the Fall 2009 LIB102, Introduction to Information Management and is based on postings and comments on a course blog over the last six weeks." A red text box on the page says: "Begin typing in the blank space. Don't worry about how it looks. It can be edited or reformatted by classmates or your instructor." The editing toolbar at the top of the page includes buttons for Bold (B), Underline (U), Italic (I), Bulleted List (ABC), Numbered List, Indent, Outdent, Undo, Redo, and Insert Plugin. Two red arrows point to the Undo and Redo buttons, with a red text box above them stating: "This works just like word processing software."

Don't forget to **Save**!!



Sample Writing

Social Networking and Society

Social Networking has changed the lives of this generation. Recently, I was sitting in the computer lab and saw two girls IMing each other on facebook, WHEN THEY WERE SITTING RIGHT NEXT TO EACH OTHER! I feel as though some people have become socially awkward because they have forgotten how to talk to each other in person. Also, I recently had an encounter from a girl who decided she was going to confront me about a problem via text message. I feel as though people feel braver from behind their computers and phones. They say things that they wouldn't normally say face to face with someone. Things like this can cause problems that normally wouldn't be caused if they did not exist.

All this aside, I do not believe that social networking is all bad. I think that if it is used properly, it is a great communication tool that can be used when other forms of communication can't be used.

Some very common and familiar social networking sites are:

- <http://www.facebook.com>
- <http://www.twitter.com>
- <http://www.myspace.com>
- <http://www.bebo.com>
- <http://www.livejournal.com/>

Social networking has created a lot of change throughout all generations. As previously mentioned these changes can be positive and negative. Some of the positive are that people are able to communicate and stay in touch when they are further apart; maybe countries apart. This means that families will stay closer and communicate more. Another positive aspect is that these sites literally are a place for "networking" that would normally be done at social events face to face can now be done more quickly and in the comfort of one's own home.

Social networking is becoming very popular with news outlets, this is done most by CNN. They like to get the audience involved as much as possible and increase viewership by reading off what people have to say on their twitter or Facebook. Other news outlets also use social networking but the outlet most famous for doing this is CNN. The media is trying to get their viewers involved and with many people now on these sites it helps them to connect with their viewers and lets the viewers "voice" be heard on the air.

Social networking sites have had a huge impact on social events, especially on college campuses. Websites such as Facebook allow users to create an event for any occasion. This feature spreads awareness quickly and easily about any event, whether it be community service, a panel discussion, or even a party. Social networking can be a great way to boost attendance at any event by being its own promotional tool.

Social Networking gives individuals in very different locations the ability to reconnect with friends, family and coworkers that others would be lost in the past. Even through more conventional means of communication it is impossible to keep in contact with everyone we know all over the world. These networks provide access to the daily lives of family and friends, some of which we may have never met without their existence. People who have had no interest in technology are finding themselves on these sites just with the hopes of reaching out to those they have lost touch with. While these sites are dangerous in the hands of those who do not use them responsibly,

Changes in Technology

Some people don't even know what "staying in touch" means anymore because they never have a chance to get out of touch. It is funny to think that our children will never know what it's like to use a payphone or wait for their internet to dial-up. My seven year old nephew didn't even know what a VHS video was. Advanced societies went from the horse and buggy to space travel in a matter of 60 years and in today's information age technology is advancing at a rate even faster than that. Amazing things will be possible in the near future. But I'll take a quote from the movie Spider-Man and say that "with great power comes great responsibility".

Responsibility will be key for society to control itself in all aspects of the technology that is coming our way. We must act responsibly to protect our identities online. We must act responsibly with information that does not belong to us. We must act responsibly with our outdated electronic wastes so that unfortunate people get stuck dealing with them. We must be responsible and continue to communicate like people rather than robots using full words, sentences, voices and eye contact.

I do plan on being alive 60 years from now and I have no clue what to expect but I'll look at the future feeling both scared and excited. (I'd like to know what kind of TV I'll be watching Super Bowl 100 on?)

What are we revealing about ourselves on the web and how can we keep ourselves safe?

As we use the internet today to complete projects, pay bills, and stay in contact with friends, we reveal important information about ourselves continuously. While logging on to certain websites to begin paying bills, we enter critical information about ourselves, including our social security number, birth dates, and bank account numbers. This gives others who are good enough with technology the ability to learn important information about us, as well as the ability to take on our identities and steal our money. Using social networks on the internet gives others the ability to access information about what we are doing, who is in our family, and where we will be at certain times during the day. This allows people to feel like they are part of our lives and opens a door for intruders.

Sample Header: Create one from our blog discussion

Today is society we are advancing through several stages. 50 years ago the first computers were being produced and brought into homes. Now almost every home has a computer. My household alone has 3 laptops and a desktop. In another 50 years what would society be with the technology that is being invented? If everyone is relying on technology advancements to complete tasks more quickly and efficiently, what will happen if there is a world wide crash in computers? People are getting used to having advanced technology to complete tasks such as accounting techniques, management objectives, and MIS. I went to this website which talks about the creation of technology which will begin a new invention of nanotechnology. They mentioned about creating nano-bots which will eventually be created to do human capabilities.

"Nano-devices could be used as controllable extensions of the human body which would give health professionals the ability to monitor and treat throughout the lifespan of organisms."

http://www.technologyawards.org/future_technology/How_Will_Technology_Affect_The_Future_Of_Our_Society.html

Wiki Observations

- Gives students the opportunity to collaborate on writing about a topic
- Used a free wiki which looks like a regular word processor leading to a shorter learning curve for students
- Gives students the opportunity for further reflection on socio-economic and legal issues in information technology

Observations on using Web 2.0

- Offer flexibility and variety
- Free
- Easy to download and use
- Meet multiple teaching and learning styles
- Break away from text-only model of online learning
- Create community and encourage collaboration

Thank You!

Map of the World 2.0

1001 Different Clickable Web 2.0 Logos



Web 2.0 Application Reviews Download small screenshot for your site Download high quality screenshot



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Questions??

How to Contact Us

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Web 2.0 Tools Featured

Blogger.com

<https://www.blogger.com/start>

(use with gmail)

Diigo

<http://www.diigo.com/>

Jing

<http://www.techsmith.com/jing/>

MyPodcast

<http://mypodcast.com/>

PBWiki

<http://pbworks.com/>

Voicethread

<http://voicethread.com/>

Resources

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