

Professional Development Course Syllabus

Course Number: ED 550.1125

Course Title: **Web 2.0: Collaborative Instruction**

Instructor: Amy Michalowski Semester Credit(s): 1 Total Cost for Credit: **\$80.00**

Online registrations must be submitted within one week of the start date (www.nnu.edu/cereg)

1. **Educational Goals for the Course:** Web 2.0: Collaborative Instruction prepares teachers to use the tools of Web 2.0 to generate new and exciting learning experiences for students of all abilities and learning styles. Participants experience first-hand the constructivist, collaborative pedagogy of Web 2.0 tools that promote creative and critical thinking, team learning, and inquiry and dialogue.
2. **Instructional Learning Objectives:**
 - Describe and explore the new generation of Web tools; potential uses, strengths and weaknesses
 - Identify techniques and tools for designing new learning opportunities that offer both collaborative and self-directed learning for students
 - Select strategies for developing and implementing Web tools in the classroom
 - Encourage development of 21st Century Literacy skills in student
 - View the constructivist, collaborative pedagogy of Web 2.0 tools that promote creative and critical thinking, team learning, inquiry and dialogue, and stimulate innovation
 - Engage students while learning curriculum specific teaching applications of Web 2.0 tools
3. **Course Requirements:** Each week, students are required to read information on new tools of Web 2.0, post their thoughts on a subject, and research ways to integrate digital literacies in the classroom. Participants are required to log in to class and submit written work at least four times a week, and to complete all assignments by their due dates. Provided is an overview of the major types of assignments that students work on in Web 2.0 Collaborative Platform; all geared toward achieving the course learning objectives.
 - In Class:**
 - Discussion:
Students are given open-ended questions related to the course material and are asked to post thoughtful responses to the starter questions and to their classmates' comments. The course instructor facilitates the discussion and encourages students to interact with one another and to make deeper connections between the material and the course objectives.
 - Reading:
Students are asked to read material provided on the web. They are expected to engage in discussion with their classmates and to make substantial connections between the reading material and the course objectives.
 - Out of Class:**
 - Web 2.0 Project:
Students are expected to explore and use various tools of Web 2.0. All students must create a personal web log and participate in the class wiki. In addition, students must choose other Web 2.0 tools to use and showcase to peers as part of the class wiki. Participants select strategies for developing and implementing Web tools in their own classroom and are given the option of which technologies interest them and begin to work with those technologies such as podcasting, social bookmarking, social networking sites, or photosharing. Generate online learning experiences for students of all abilities and learning styles. Submit to VHS instructor.
4. **Dates, Times and Location of Proposed Course:**

(1 Semester Credit Equals 15 Professor Contact Hours plus an additional 30 Hours Outside Work)
Online course to meet time requirements as outlined above between April 15 and May 27, 2009.
5. **Due Dates for Completion of Course Requirements:** May 27, 2009
6. **Learning Resources and Required Text:** VHS Course **Web 2.0: Collaborative Instruction**
Week 1: Farewell, Web 1.0! We Hardly Knew You.
 - Web 2.0: A New Wave of Innovation for Teaching and Learning?

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<http://connect.educause.edu/Library/EDUCAUSE+Review/Web20ANewWaveofInnovation/40615>

- The Hype and the Hullabaloo of Web 2.0
<http://infotangle.blogspot.com/2006/01/13/the-hype-and-the-hullabaloo-of-web-20/>
- Why Web 2.0?
<http://www.cue.org/why/web2/>
- Go2Web20.net
<http://www.go2web20.net/>
- Video: The Machine us Using Us
<http://www.youtube.com/watch?v=6gmP4nk0EOE>
- Video: Web 2.0
<http://www.youtube.com/watch?v=nsa5ZTRJQ5w>
- Video: We Think
<http://www.youtube.com/watch?v=qiP79vYsfbo>
- Life Online: Teen and Technology and the World to Come
Link: <http://www.pewinternet.org/ppt/Teens%20and%20technology.pdf>
- How Choice, Co-Creation, and Culture Are Changing What It Means to Be Net Savvy
<http://net.educause.edu/ir/library/pdf/ELI3008.pdf>
- Video: Pay Attention
http://www.youtube.com/watch?v=_M_336pDWoM
- Video: Did you Know?
<http://www.youtube.com/watch?v=pMcfLYDm2U>
- Video: A Vision of Today's Students
<http://www.youtube.com/watch?v=dGCJ46vyR9o>

Week 2: Blogs, Bloggers, Blogging and the Blogosphere

Readings and Resources:

- Video: Blogs in Plain English
<http://www.commoncraft.com/blogs>
- Ways to Use Blogs in Education
<http://anne.teachesme.com/2004/10/05>
- How You Should Use Blogs in Education
<http://blogsavvy.net/how-you-should-use-blogs-in-education>
- How Not To Use Blogs in Education
<http://blogsavvy.net/how-not-to-use-blogs-in-education>
- Blogging? It's Elementary, My Dear Watson!
http://www.educationworld.com/a_tech/tech/tech217.shtml
- Overcoming the Fear of Blogs: Teaching Critical Skills, Learning About Your Learners
http://ascd.typepad.com/annualconference/2006/04/how_blogs_fit_i.html
- The Educated Blogger: Using Blogs to Promote Literacy in the Classroom
http://firstmonday.org/issues/issue9_6/huffaker/
- Education Blogging
<http://supportblogging.wikispaces.com/Educational+Blogging>
- Weblogs in Education
http://www.teachinghacks.com/wiki/index.php?title=Weblogs_in_Education
- Blogging: an introduction
<http://www.learnnc.org/lp/pages/timesaver0501>
- 7 Things you should know about Blogs
<http://www.educause.edu/ir/library/pdf/ELI7006.pdf>
- weblogged
<http://www.weblogg-ed.com/>
- EduBlog Insights
<http://anne.teachesme.com/>
- Moving at the Speed of Creativity

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- <http://www.speedofcreativity.org/>
- 2 cents worth
- <http://davidwarlick.com/2cents/>
- Bud the Teacher
- <http://budtheteacher.typepad.com/>
- Cool Cat Teacher Blog
- <http://coolcatteacher.blogspot.com/>
- A Difference
- <http://adifference.blogspot.com/>
- edu.blog.com
- <http://edu.blogs.com/>
- Language Art Blogs
- <http://adavis.pbwiki.com/Language-Arts-Examples>
- Social Studies Blogs
- <http://adavis.pbwiki.com/Social-Studies-Examples>
- Math Blogs
- <http://adavis.pbwiki.com/Math-Examples>
- Science Blogs
- <http://adavis.pbwiki.com/Science-Examples>
- Blogs in Curriculum Areas http://www.teachinghacks.com/wiki/index.php?title=Weblogs_in_Education#Curriculum_Areas
- Vignette – 1
- http://www.budtheteacher.com/wiki/index.php?title=Vignette_1
- Your Students ARE Blogging
- <http://www.blogsafety.com/thread.jspa?threadID=1200000058>
- Blogging Policy
- <http://arapahoe.littletonpublicschools.net/forStudents/AHSBloggingPolicy/tabid/1486/Default.aspx>
- Objectives and Guidelines for Responsible Blogging
- <http://elemblogpolicy.pbwiki.com/FrontPage>
- Safety R Us
- <http://www.weblogg-ed.com/2005/05/13#a3562>
- More on Safety
- http://budtheteacher.typepad.com/bud_the_teacher/2005/05/more_on_safety.html
- Guidelines for Blogging
- <http://anne.teachesme.com/2005/11/08#a4515>
- Technorati
- <http://technorati.com/>
- Edublog Help Manual
- <http://www.willard.k12.mo.us/co/tech/Document/edublogging.pdf>
- Edublog Video Tutorials
- <http://edublogs.org/videos/>

Module: 21st Century Skill - Learning and Thinking

- Video: Wikis in Plain English
- <http://www.commoncraft.com/video-wikis-plain-english>
- Wikis - Teaching Hacks
- <http://www.teachinghacks.com/wiki/index.php?title=Wikis>
- 7 Things you should know about Wikis
- <http://www.educause.edu/ir/library/pdf/ELI7004.pdf>
- Wiki Walk-Through
- <http://www.teachersfirst.com/content/wiki/>
- Wiki Pedagogy
- http://www.profetic.org:16080/dossiers/dossier_imprimer.php3?id_rubrique=110

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- Using Wikis in School: A Case Study
http://www.futurelab.org.uk/download/pdfs/research/disc_papers/Wikis_in_Schools.pdf
- Embrace the Wiki Way
http://www.mattbarton.net/tikiwiki/tiki-read_article.php?articleId=4
- My Brilliant Failure: Wikis In Classrooms
<http://kairosnews.org/my-brilliant-failure-wikis-in-classrooms>
- Wide Open Spaces: Wiki Ready or Not
<http://www.educause.edu/ir/library/pdf/erm0452.pdf>
- Rules for Students Using this Wiki
<http://gps7socialstudies.pbwiki.com/StudentRules>
- Holocaust Wiki Project
http://www.ahistoryteacher.com/~ahistory/apwhreview/index.php?title=Holocaust_Wiki_Project
- High School Online Collaborative Writing
http://schools.wikia.com/wiki/Main_Page
- Bud The Teacher
http://www.budtheteacher.com/wiki/index.php?title=Main_Page
- Westwood Wiki Spaces
<http://westwood.wikispaces.com/>
- Warlick's Colearner Wiki
<http://davidwarlick.com/wiki/pmwiki.php>
- Wiki Books
http://en.wikibooks.org/wiki/Main_Page
- Wikiquotes
<http://www.wikiquote.org/>
- Wikitravel
http://wikitravel.org/en/Main_Page
- Wiktionary
<http://www.wiktionary.org/>
- Romantic Audience Project
<http://ssad.bowdoin.edu:8668/space/snipsnap-index>
- Flat Classroom Project
<http://flatclassroomproject.wikispaces.com/>
- Studying Societies at JHK
<http://studying Societies at jhk.pbwiki.com/>
- Rhetoric and Composition
http://en.wikibooks.org/wiki/Rhetoric_and_Composition
- AP World History Wiki
http://www.ahistoryteacher.com/~ahistory/apwhreview/index.php?title=Main_Page
- Classroom Google Earth
<http://classroomgoogleearth.wikispaces.com/>
- Examples of Educational Wikis
<http://educationalwikis.wikispaces.com/Examples+of+educational+wikis>
- Virtual Art Galleries
<http://k12wiki.wikispaces.com/Virtual+Art+Galleries>
- Greek Museum
<http://classroom109morning.wikispaces.com/>
- Frankenstein Study Guide
<http://mtnbrookseniors06.wikispaces.com/Frankenstein+Links>
- Holocaust
<http://hhslibrarymediacenter.wikispaces.com/Holocaust>
- Village Student Book Reviews
<http://villagewiki.pbwiki.com/Village+Students'+Book+Reviews>
- Voices from the Schoolhouse Wiki
<http://voicesfromtheschoolhouse.wikispaces.com/>
- Problem Based Learning
<http://pbl2006.wikispaces.com/>
- WWI
<http://hhslibrarymediacenter.wikispaces.com/WWI>
- Turning Points
<http://turningpoints.wikispaces.com/>

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- Code Blue
<http://codeblue.wikispaces.com/>
- Forensic Science
<http://hthsforensicscience.pbwiki.com/>
- Insects
<http://villagewiki.pbwiki.com/Insects+4th+grade>
- Science One
<http://burdick207.wikispaces.com/scienceone>
- Pre-Cal 305
<http://pc30sf06.pbwiki.com/>
- Novels and Plays in 11th Grade English
<http://fhswolvesden.wikispaces.com/Novel+Notes>
- Holes
<http://stanleyynats.wikispaces.com/>
- Web Projects
<http://web-projects.wikispaces.com/>
- Utopia Project
<http://discoveryutopias.wikispaces.com/>
- Humpback Whales
<http://humpbackwhales.wikispaces.com/Introduction>
- Wikipedia: Why Wikipedia is not so great
http://en.wikipedia.org/wiki/Wikipedia:Why_Wikipedia_is_not_so_great
- Criticism of Wikipedia
http://en.wikipedia.org/wiki/Criticism_of_Wikipedia
- Wikipedia and the Nature of Truth
http://news.com.com/Wikipedia+and+the+nature+of+truth/2010-1025_3-5979331.html
- Growing Wikipedia Refines Its 'Anyone Can Edit' Policy
<http://www.nytimes.com/2006/06/17/technology/17wiki.html?ex=1308196800&en=646c3d018ce68f36&ei=5088&partner=rssnyt&emc=rss>
- Turning Wikipedia into an Asset for Schools
http://www.andycarvin.com/archives/2005/07/turning_wikiped.html
- Can History be Open Source? Wikipedia and the Future of the Past
<http://chnm.gmu.edu/resources/essays/d/42>
- Know It All: Can Wikipedia Conquer Expertise?
http://www.newyorker.com/archive/2006/07/31/060731fa_fact
- Wikispace Tutorials
<http://www.wikispaces.com/site/tour#introduction>
- Wikispaces User Guide
<http://help.wikispaces.com/space/showimage/Help.Wikispaces.K-12+Getting+Started+Handout+3-Page.pdf>
- Wikipedia
http://en.wikipedia.org/wiki/Main_Page
- Wikipedia: Student Tutorial
http://simple.wikipedia.org/wiki/Wikipedia:Student_tutorial
- Curriki
<http://www.curriki.org/xwiki/bin/view/Main/WebHome>
- Curriki offers New Worlds of Content
<http://www.eschoolnews.com/news/showstoryts.cfm?Articleid=6787>
- Video: Curriki
<http://www.youtube.com/watch?v=OQUXnSv2z8A>

Module: 21st Century Skills - Technical Literacy

- Video: Social Bookmarking in Plain English

<http://www.commoncraft.com/bookmarking-plain-english>

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- Social Bookmarking Tools
http://www.teachinghacks.com/wiki/index.php?title=Social_bookmarking_tools
- 7 Things you should know about Social Bookmarking
<http://www.educause.edu/ir/library/pdf/ELI7001.pdf>
- Simply Delicious: Online Social Bookmarking or Tagging for Teachers
http://personal.strath.ac.uk/d.d.muir/Delicious1_2.pdf
- 12 Ideas Around Social Bookmarking in Education <http://www.teachinghacks.com/?p=262>
- Thirteen Tips for Effective Tagging: How to mark sites so you and others can find them.
<http://www.techsoup.org/learningcenter/webbuilding/page5508.cfm?cg=searchterms&sg=social%20bookmarking>
- Video: RSS in Plain English
http://www.commoncraft.com/rss_plain_english
- RSS Readings Blogging and RSS — The "What's It?" and "How To" of Powerful New Web Tools for Educators
<http://www.infotoday.com/MMSchools/jan04/richardson.shtml>
- RSS Ideas in Education
http://www.teachinghacks.com/wiki/index.php?title=RSS_Ideas_in_Education
- RSS: The Next Killer App for Education
<http://technologysource.org/article/rss/>
- RSS: A Quick Start Guide for Educators
<http://static.hcrhs.k12.nj.us/gems/tech/RSSFAQ4.pdf>
- Video: Social Networking in Plain English
<http://www.commoncraft.com/video-social-networking>
- The Many Faces of Facebook Link:
<http://insidehighered.com/news/2006/06/15/facebook>
- Thoughts on Facebook
<http://www.cit.cornell.edu/policy/memos/facebook.html>
- Identity Production in a Networked Culture: Why Youth Heart MySpace
<http://www.danah.org/papers/AAAS2006.html>
- "Safe" Social Networking Sites Emerge
<http://www.eschoolnews.com/news/showStory.cfm?ArticleID=6348>
- Missed Opportunity
<http://education.guardian.co.uk/elearning/story/0,,1985377,00.html>
- A Briefing for Educators: Online Social Networking Communities and Youth Risk
http://www.techlearning.com/techlearning/events/techforum06/MichelleRussell_ABriefingforEducatorsOnlineSocialNetworking.pdf
- MySpace in College Admission
http://www.nacacnet.org/MemberPortal/News/StepsNewsletter/myspace_students.htm
- del.icio.us tutorial
<http://www.willard.k12.mo.us/co/tech/videos/delicious/1register/1register.html>
- RSS: A Four Part Series
Please watch Part 1: Bloglines: Link: <http://k12online.wm.edu/rss4partseries/indexrss.html>
- Bloglines Tutorial Screencast
<http://andyrush.net/screencast/bloglines/>
- Bloglines User Guide
<http://wiki.monroe.edu/index.php?title=Bloglines>

Module: 21st Century Skills - Visual Literacy

- Visual Literacy in Classrooms
<http://www.zardec.net.au/keith/visual.htm>
- The Visual Literacy Whitepaper
http://www.adobe.com/uk/education/pdf/adobe_visual_literacy_paper.pdf
- Children of Family on Relief Playing
<http://www.arhu.umd.edu/technology/visuallit/see/explore.html>
- The Online Visual Literacy Project

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- <http://www.pomona.edu/Academics/courserelated/classprojects/Visual-lit/intro/intro.html>
- Video: Photo Sharing in Plain English
<http://www.commoncraft.com/photosharing>
 - Photosharing in Education http://www.teachinghacks.com/wiki/index.php?title=Photo_Sharing_in_Education
 - Education Uses of Digital Storytelling
<http://www.coe.uh.edu/digital-storytelling/>
 - Using Flickr in the Classroom
<http://www.jakesonline.org/flickrinclassroom.pdf>
 - Digital Storytelling Examples
<http://www.ddguild.org/examples.html>
 - Google Images
<http://images.google.com/>
 - Creative Commons Search Engine
<http://search.creativecommons.org/>
 - Copyright-Friendly and Copleft Images and Sound (Mostly!) for Use in Multimedia Projects and Web Pages
<http://copyrightfriendly.wikispaces.com/>
 - Public Domain, Copyright Free, Open Source, and Student Use Images and Media <http://eduscapes.com/tap/topic98.htm>
 - Wikipedia:Public domain image resources
http://en.wikipedia.org/wiki/Wikipedia:Public_domain_image_resources
 - Partners in Rhyme
http://www.partnersinrhyme.com/pir/free_music_loops.shtml
 - OpSound
<http://opsound.org/index.php>
 - ccMixer
<http://ccmixter.org/>
 - VoiceThread Tutorial
<http://www.technogogy.org.uk/voicethread.html>
 - Volcano Type Diagram
<http://www.flickr.com/photos/cogdog/817669/>
 - Anatomy of a Bus Stop
<http://www.flickr.com/photos/terryfreedman/172208095/>

Module: 21st Century Skills - Effective Communication

- Digital Communication for All Students <http://www.thejournal.com/articles/17260>
- Video: Digital Communication
http://www.adobe.com/education/presentation/digital_communication/
- A Global Imperative
<http://www.adobe.com/education/pdf/globalimperative.pdf>
- Video: Digital Students @ Analog Schools
<http://homepage.mac.com/dvchelo/page1/page3/files/page3-1003-pop.html>
- Effective Communication ArticleVideo: Podcasting in Plain English
<http://www.commoncraft.com/podcasting>
- Exploiting the educational potential of podcasting
<http://recap.ltd.uk/articles/podguide.html>
- There is something in the Air: Podcasting in Education
<http://www.educause.edu/apps/er/erm05/erm0561.asp?bhcp=1>
- iPods Fast Becoming New Teachers Pet
<http://www.washingtonpost.com/wp-dyn/content/article/2005/10/18/AR2005101801670.html?sub=AR>
- Podcasts
<http://schoolcomputing.wikia.com/wiki/Podcasts>
- 7 Things You Should Know about Podcasting
<http://www.educause.edu/ir/library/pdf/ELI7003.pdf>
- Pedagogical Podcasting or Podagogy
<http://engage.doit.wisc.edu/podcasting/teaching/index.html>
- Podcasting, Schmodcasting.... What's All the Hype?

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- <http://cogdog.wikispaces.com/podcasting>
- Podcasting Craze Comes to K-12 Schools
<http://www.nsboro.k12.ma.us/ipod.htm>
- Podcast as Student Projects
<http://joycevalenza.edublogs.org/2005/08/31/podcasts-as-student-products/>
- Podcasting: Transforming Middle Schoolers Into 'Middle Scholars'
<http://www.thejournal.com/articles/17607/>
- Podcasting in Education
<http://www.apple.com/education/products/ipod/podcasting.html>
- Podcast Pickle
<http://www.podcastpickle.com/>
- Podcast Alley
http://www.podcastalley.com/podcast_genres.php?pod_genre_id=7
- Predominate Education Podcasts Blogs
<http://davidwarlick.com/wiki/pmwiki.php?n=Main.ProminentEducationPodcast>
- Blogs
- EPN: The Education Podcast Network
<http://www.epnweb.org/>
- The Savvy Technologist
http://technosavvy.org/?page_id=388
- Video: RSS in Plain English
http://www.commoncraft.com/rss_plain_english
- RSS Ideas in Education
http://www.teachinghacks.com/wiki/index.php?title=RSS_Ideas_in_Education
- Blogging and RSS — The "What's It?" and "How To" of Powerful New Web Tools for Educators
<http://www.infotoday.com/MMSchools/jan04/richardson.shtml>
- RSS: The Next Killer App For Education
<http://technologysource.org/article/rss/>
- RSS: A Quick Start Guide for Educators
<http://static.hcrhs.k12.nj.us/gems/tech/RSSFAQ4.pdf>
- RSS: A Four Part Series
<http://k12online.wm.edu/rss4partseries/indexrss.html>
- Bloglines Tutorial Screencast
<http://andyrush.net/screencast/bloglines/>
- Bloglines User Guide
<http://wiki.monroe.edu/index.php?title=Bloglines>
- Producing a Podcast – User Guide
<http://www.willard.k12.mo.us/co/tech/Document/producepodcast.pdf>
- Video: Podcasting with Audacity and Podomatic
<http://www.youtube.com/watch?v=D0fM5TPPKV4>
- Screencast-O-Matic
<http://www.screencast-o-matic.com/>
- Screencast-O-Matic Tutorial
<http://www.screencast-o-matic.com/watch/cii3IYtk>
- Google Video
<http://video.google.com/>
- Merlot
<http://www.merlot.org/merlot/materials.htm>
- Vdoggle Link: <http://vdoogle.com/>
- Our Media
<http://ourmedia.org/>
- Teacher Tube
<http://www.teachertube.com/index.php>



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Week 6: What it All Means: Endless Development

- The Horizon Report

<http://www.educause.edu/ir/library/pdf/CSD4387.pdf>

- Web 2.0 Ideas for Educators

<http://www.teachinghacks.com/audio/100ideasWeb2educators.pdf>

- Coming of Age: an introduction to the new world wide web.

http://edu.blogs.com/edublogs/files/Coming_of_age.pdf

7. Evaluation Procedure: Graded