

Introduction to Web 2.0 Tools in the Classroom **3 Credits Individualized**

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Course Description:

Web 2.0 tools can be game changers in the classroom, but beware of technology for technology's sake. In this introductory survey course, you will investigate the potential of Web 2.0 tools to transform teaching and learning in your classroom by accessing and analyzing innovative tools available 24/7 via the Internet. Working at your own pace throughout this course, you will use Atomic Learning and other Internet resources to learn how to choose the right tools to engage and motivate your students to achieve desired learning outcomes.

Technology required:

- **Computer with Internet access**

Goals and Objectives

As a result of participation in this course, you will:

1. Read, reflect, discuss and act on current research regarding the use of Web 2.0 tools to support learning objectives in your classroom.
 - a) Evaluate and compare a variety of Web 2.0 tools as instructional tools to engage and motivate students and increase student achievement.
 - b) Discover the collaborative nature of Web 2.0 and embrace one specific tool into your professional practice.
 - c) Embed formative assessments into Web 2.0 tools.
 - d) Develop lesson plans, integrating the effective use of Web 2.0 into authentic learning experiences.
2. Identify the elements of the Framework for 21st Century Learning and the potential impact of integrating the Framework into teaching and learning in your classroom.
3. Critically analyze your school or district's Internet policies in terms of the significant nature of digital citizenship.
4. Implement steps to use Web 2.0 tools to flatten your classroom, allowing your students to experience global awareness and interconnectedness.
5. Use Atomic Learning (online software tutorials) as a technical and experiential resource.
6. Use Moodle to participate in online discussions regarding your learning in this course.

Texts/Readings/Resources

There is no textbook associated with this course. Required reading is found online. Participants will complete the readings and independent activities described below to achieve the course objectives.

Assignments and Projects (100 points total):

The following assignments and projects are required for this course:

Block 1 (post to forum)

- Introduce yourself by posting an introduction in the Moodle forum.
(This is the first of five required Moodle posts – 20 points total - see Moodle Forum Rubric in Moodle).

Block2 (submit to online drop box)

- Reflection on what you learned in Block 1 about the potential impact of Web 2.0 tools in your classroom
(To earn the full 6 points for this assignment, please refer to the Block 2 Framework Rubric posted in Moodle)

(post to forum)

- Explore the digital citizenship sites listed. Determine what in your opinion are the three most critical points pertaining to student Internet safety.
(This is the second of five required Moodle posts – 20 points total - see Moodle Forum Rubric in Moodle).

Block 3 (submit to online drop box)

- Preview each Web 2.0 tool listed, and select five that you believe will enhance teaching and learning in your classroom.
(To earn the full 15 points for this assignment, please refer to the Block 3 Web 2.0 Tool Rubric posted in Moodle)

(submit to online drop box)

- Write a complete lesson plan that integrates the use of two Web 2.0 tools, one by the teacher and one by the students.
(To earn the full 10 points for this assignment, please refer to the Block 3 Lesson Plan Rubric posted in Moodle.)

(post to forum)

- Select your favorite Web 2.0 tool and share its characteristics in terms of how the tool is about learning, not just about technology.
(This is the third of five required Moodle posts – 20 points total - see Moodle Forum Rubric in Moodle).

Block 4

Select one Track/assignment:

Track A – Blogs (email to instructor)

- Create a customized blog using Blogger or another blog creation tool.
(To earn the full 15 points for this assignment, please refer to the Block 4 Blog Rubric posted in Moodle.)

Track B – Wikis (email to instructor)

- Create a wiki using PBWorks or Wikispaces.
(To earn the full 15 points for this assignment, please refer to the Block 4 Wiki Rubric posted in Moodle.)

Track C - Social Networking (submit to online drop box)

- Explore the educational social networking tools, Edmodo and schoology.
(To earn the full 15 points for this assignment, please refer to the Block 4 Social Networking Rubric posted in Moodle.)

Track D - Social Bookmarking (email to instructor)

- Explore the educational social bookmarking tools, Delicious and Diigo.
(To earn the full 15 points for this assignment, please refer to the Block 4 Social Bookmarking Rubric posted in Moodle.)

Block 5 (submit to online drop box)

- Preview each tool and select three that you believe will enhance teaching and learning in your classroom.
(To earn the full 9 points for this assignment, please refer to the Block 5 Collaborative Tools Rubric posted in Moodle.)

Block 6 (email to instructor)

- Formative assessment encompasses a variety of strategies to determine student progress toward achieving specified learning goals. Use one of the assessment tools listed to the left (or another online assessment tool) to create a 5 - 10 question online formative assessment.
(To earn the full 10 points for this assignment, refer to the specific requirements in the Block 6 Assessment Rubric posted in Moodle.)

(post to forum)

- Based on the reading in this block and your understanding of Web 2.0, post a short paragraph stating how other Web 2.0 tools from blocks 3 - 5 can also be used for formative assessments by giving instant feedback to students and teachers as to a student's progress toward a targeted learning objective.

(This is the fourth of five required Moodle posts – 20 points total - see Moodle Forum Rubric in Moodle).

Block 7

(submit to online drop box)

- So, how flat is your classroom? Chart a course that you can implement in steps to allow your students to experience global awareness and interconnectedness. What steps will you take? What tools will you use? Include a unit plan that evidences a move toward flattening your classroom.

(To earn the full 15 points for this assignment, refer to the specific requirements in the Block 7 Flat Classroom Rubric posted in Moodle.)

(post to forum)

- Read Steve Hargadon's blog post regarding the 10 trends of Web 2.0. Create a Wordle which expresses your perceptions of the major concepts of Web 2.0's impact on educational transformation by copying and pasting key words, phrases or sentences from Hargadon's post and other articles and posts you've read in this course. (This is the final of five required Moodle posts – 20 points total - see Moodle Forum Rubric in Moodle).

Evaluation and Grading

All assignments, regardless of length, must be typed and incorporate APA style references when appropriate. Written assignments will be evaluated on accuracy of information, completeness of assignment, clarity of writing/presentation, organization of information and material, and accomplishment of the goals for each assignment.

A = 94-100 points

A- = 90-93 points

B+ = 87-89 points

B = 84-86 points

B- = 80-83 points

C = 75-79 points

F = less than 75 points

I = Incomplete Work