Web 2.0 in Higher Education

Blog
(n.) a weblog; (v.) to write entries in, add material to, or maintain a weblog.

Problem addressed:
Difficulty gathering feedback or including all students in the discussion; Instructor needs a place to organize text, links, video, and podcasts.

Blogging Applications
Blogger.com Edublogs.org Wordpress.org

ePortfolios (or webfolio)
electronic portfolios; a collection of electronic evidence assembled and managed by a user, usually on the Web (also called Webfolio). E-portfolios are both demonstrations of the user’s abilities and platforms for self-expression, and, if they are online, they can be maintained dynamically over time.

Problem addressed:
Student needs a place to organize material for each course; Student needs to show learning over time and/or to reflect on learning.

ePortfolio Applications
rCampus.com

Photo Sharing
the publishing or transfer of a user’s digital photos online, thus enabling the user to share them with others (whether publicly or privately).

Problem addressed:
Students/instructors need to collect and show images to the whole class.

Photosharing Applications
Flickr.com Picasa (picasa.google.com)

Podcasting
the Web-based broadcast of audio which works with software that automatically detects new files using XML and is accessed by subscription through a feed reader.

Problem addressed:
Students need to have lecture content before class for review.

Podcasting Applications
Audacity GarageBand (Mac only)
**Shared Documents**
a web-based application allowing users to collaborate on documents via email invitation.

*Problem addressed:*
Students need to collaborate over distance on documents.

**Shared Documents Applications**
Google Docs (docs.google.com)  Writeboard.com

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**Social Networking**
a Web site where one connects with those sharing personal or professional interests, place of origin, education at a particular school, etc.

*Problem addressed:*
Students need to interact in a Learning Community; Instructors desire to tie learners with similar interests together.

**Social Networking Applications**
Facebook.com  MySpace.com

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**Virtual Classroom**
a mode of computer-based education whereby the teacher interacts with students either via video-conferencing, Internet broadcast, or email.

*Problem addressed:*
Instructor needs a way to hold virtual office hours for students who cannot make it on campus.

**Virtual Classroom Applications**
Adobe Connect Pro  elluminate.com

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**Virtual World**
a computer-generated, three-dimensional representation of a setting in which the user of the technology perceives themselves to be and within which interaction takes place.

*Problem addressed:*
Instructor needs a way for students to be immersed in a virtual environment that you cannot simulate otherwise.

**Virtual World Applications**
Second Life (secondlife.com)

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**Wiki**
a collaborative Web site allowing user editing/adding of content.

*Problem addressed:*
Instructor needs a way for students to collaborate on a class web site where each student contributes to the overall knowledge of the class.

**Wiki Applications**
Google Sites  PBWiki.com  Wikispaces.com