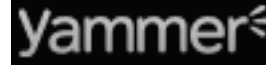


- Learning/Course Management System
- Webconferencing System
- VOIP Instant Messaging Tool
- Robust Wiki



Learning & Content Management Tools



- Blogs
- Micromedia
- Robust Wikis
- Voice Discussion Tools

Collaboration & Interaction Tools

eLearning Ecosystem Tools

Content Creation & Dissemination Tools


- Multimedia Creation Tools
- Social Bookmarking Tools
- Content Sharing Tools
- Custom Search Tools



Learnstreaming Tools



- Lifestreaming Tools
- Analytic Tools
- RSS Feed Aggregators
- Social Networks

Learner Activity	Touch Points	Method	Examples	Nurturing Concepts	Learner Assessment
<ul style="list-style-type: none"> •Lurking •Browsing/Surfing •Reading •Socializing 	<ul style="list-style-type: none"> •Custom Search Engines •Shared RSS Feeds •Social Networks •Blogs •Wikis 	<ul style="list-style-type: none"> •Integrate presence of learning community in places where learners already spend their time. •Provide places on web that are course related but not main course. 	<ul style="list-style-type: none"> •Provide a community blog &/or wiki •Add RSS feeds to course, blog, wiki •Use of Group feature in popular social networks (Facebook, MySpace) •Customized iGoogle Gadgets •Post fun multimedia (Voki, Viddler, Animoto, Moblyng) 	<ul style="list-style-type: none"> •Increasing Social Presence & Identity •Utilizing Shared Resources & Knowledge 	<ul style="list-style-type: none"> •Usually optional, not graded, not mandatory, low-risk participation. •Difficult to assess individually, but visible as a group with site analysis tools like Lijit
<ul style="list-style-type: none"> •Sharing •Reflecting •Voting 	<ul style="list-style-type: none"> •Social Bookmarking •Lifestreaming •Micromedia •Tumbleblogs •Polling and Surveying Tools •Avatar Generators 	<ul style="list-style-type: none"> •Facilitate ways for learners to share updates on what they are doing, seeing, reading, and thinking about. 	<ul style="list-style-type: none"> •Status updating & microblogging •Course tag on Delicious •Use of simple poll widgets •Avatar creation 	<ul style="list-style-type: none"> •Increasing Communication & Interaction •Increasing Social Presence & Identity •Utilizing Shared Resources 	<ul style="list-style-type: none"> •Usually optional, not graded, not mandatory, still pretty low-risk •Poll/survey analysis •Twitter Search
<ul style="list-style-type: none"> •Writing •Editing •Conferencing 	<ul style="list-style-type: none"> •Blogs •Wikis •Instant Messaging •Voice Conferencing •Audio/Video sites 	<ul style="list-style-type: none"> •Facilitate ways for learners to engage in conversations about what they are learning outside of the “classroom.” •Communicate with them from outside the “classroom.” 	<ul style="list-style-type: none"> •Shared resources and best practices on a PBWiki •Learners meet on Skype to discuss projects and or assist peers •Blogging (individually or communally) •Instructor/Mentor meets individually with learners in Skype •Instructor/Mentor sends Viddler messages to group •Broadcasting events with Ustream 	<ul style="list-style-type: none"> •Increasing Communication & Interaction •Increasing Social Presence & Identity •Utilizing & Contributing to Shared Resources & Knowledge at global level •Learning about Knowledge Management •Engaging in Collaborative Learning and Contribution 	<ul style="list-style-type: none"> •Type of investment and “risk” starts to increase. Complexity, collaboration, •Grading, mandatory, payment, •artifacts, rubrics •Peer assessment, mentor assessment
<ul style="list-style-type: none"> • Course Reqs •Webconferencing •Quizzes, Exams, Assessments •Discussions •Portfolios •Building Models 	<ul style="list-style-type: none"> •Course/Learning Magagement System •Webconferencing System •Blogs •Wiki 	<ul style="list-style-type: none"> •Provide an instructionally sound online learning environment. •Provide activities and explorations for your learners to practice skills and demonstrate mastery of concepts 	<ul style="list-style-type: none"> •Novice, intermediate and advanced levels of PD courses available •Office hours facilitated by LMS chat tool •Advanced use of discussion (debate, role-play, Voicethread, etc.) •Learners attend/present at Webconferencing events •Students create a blog, wiki, video, podcast, etc. 	<ul style="list-style-type: none"> •Membership, Policies & Guidelines •Communication & Interaction •Individual & Shared Goals •Social Presence & Identity •Utilizing & Contributing to Shared Resources & Knowledge at class level •Collaboration & Contribution 	<ul style="list-style-type: none"> •These are highest risk methods. Grades, payment are at risk. •Based on established criteria, rubrics, etc. •Includes interventions and alternative paths

Evaluating the Ecosystem

<http://reta.nmsu.edu> and <http://reta-otl.pbwiki.com>

*tried and true

**in practice

***completely experimental

Method	Measuring	Example	Tool
Face to Face Evaluations*	<ul style="list-style-type: none"> •Satisfaction •Comfort Level •Areas for improvement 	<ul style="list-style-type: none"> •Post Workshop Survey •Consensogram •Plus / Delta 	<ul style="list-style-type: none"> •Survey Monkey •Moodle Choice •Chart Paper
Program Evaluation*	<ul style="list-style-type: none"> •Change in self assessment on skills based on program goals •Relevance of content and activities •Accessibility and effectiveness of instructors/mentors 	<ul style="list-style-type: none"> •Pre and Post Program Surveys •Formative and Summative Course Evaluation •Informal Course Feedback 	<ul style="list-style-type: none"> •Survey Monkey •Discussion Forum •Webconferences
Product Assessment**	<ul style="list-style-type: none"> •Quality as related to national and/or state standards •Demonstration of skills based on program goals 	<ul style="list-style-type: none"> •Rubrics •Peer Reviews •Skill Inventories •Self Assessment of Practice 	<ul style="list-style-type: none"> •Webconferences •Wiki •Survey Monkey
Web Analytics**	<ul style="list-style-type: none"> •Activity of lurkers in the ecosystem •Participation in course activities 	<ul style="list-style-type: none"> •Number of visits •Use of existing content •Types of keywords queried 	<ul style="list-style-type: none"> •Google Analytics •Lijit •Moodle (LCMS) Tracking Logs •Customized Search Tools
Lifestreaming & Social Networking***	<ul style="list-style-type: none"> •Health of 'whole learner' •Connections between learners •Activity within the Web-2.0-isphere 	<ul style="list-style-type: none"> •Awareness of learner stress, overload, burnout •Stream of a learner's updates, Bookmarks, Microblogs, Blogs, etc. 	<ul style="list-style-type: none"> •Plaxo •FriendFeed •Linked In •Facebook
Data Mining***	<ul style="list-style-type: none"> •Occurrences of individualized assistance •Types of support offered •Project tracking by tag or keyword 	<ul style="list-style-type: none"> •Organizational email accounts copied on all correspondence from staff •Learner or project profiles with a history of all updates related to project 	<ul style="list-style-type: none"> •Gmail •Highrise HQ •Yammer

Related Resources

<http://reta-otl.pbwiki.com>

<http://vss2008.wikispaces.com/nurturing>

<http://reta.nmsu.edu>

<http://webinars.nmsu.edu>