Using Jing™ to Increase Engagement in Online Courses

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Online Learning Environments

- Among the challenges of online teaching are difficulties engaging in spontaneous **verbal communication** and providing **meaningful feedback** in context, especially as online courses provide **"little opportunity to actually get to know the students on a personal basis"** (Bigelow, 2009, p. 7).

- Ni and Aust (2008) examined online classes and found that a **"sense of classroom community" predicted "learner satisfaction and perceived learning"** . They also found that teacher verbal immediacy behaviors increased student participation in online discussion boards.
  - Humor, individual conversations, feedback, "meeting" with students, praise

- Theory of Transactional Distance (Moore, 1993)
  - "Space" between instructors and students
  - Two variables
    - Structure: flexibility of the instructional methods and strategies
    - Dialogue: interactions- learner to learner, learner to instructor, learner to content
  - How do you increase engagement in face-to-face classes?
  - Reduce space through
    - Course design, instructional techniques, communication, organization, and socialization

Using Screencasting Technology in Online Courses

- A **screencast** is a digital recording of computer screen output with audio narration.
- **Jing™**: Free audio/visual technology that adds visuals to your online conversations Frs
  - Captures videos, animation, multimedia, links, and images on a snapshot of your computer screen to share
  - Integrated into the course over three years
  - Positive improvements in social environment, course interactions, and variety in instructional methods
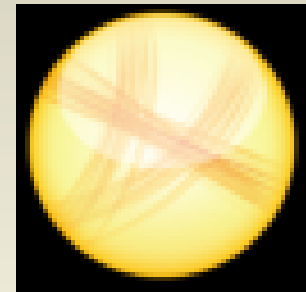 - Challenges: set-up, technology issues, time limit, preparation time

Camtasia   Snagit   Adobe Captivate   Jing

How Does Jing™ Work??

Integration of Jing™ into Course Design

- [Video introductions](#) and learn to use technologies

> **Jing Introductions** ▾
>
> Please post your Jing video introductions here for viewing. Please include a brief introduction of yourself and your programming experiences, and what you hope to learn in this class. View all student and instructor videos to learn about each other.

- [Syllabus and Assignment Overview](#)

- [Self Assessments and Reflection](#)

- [Video Screencasts as Conversation Starters](#)

Integration of Jing™ into Course Design

- Online discussions and responses

> Hi everyone. I made a video talking about a creek cleanup that my office has undertaken the past two years. It's an event that I took pictures at so I had some fun images to share. This cleanup has been my only real volunteering the past few years because of school. It was also something I could do with my daughter, which was important. I think some volunteering opportunities should be made family friendly to encourage more involvement and interest.
>
> That said, I don't think I can get many kids to attend my watershed meetings and edit the nonpoint source pollution management plan :)

- Course projects
- Course comments
- Other uses?
  - Virtual field trips
  - Role plays and case studies
  - Group discussions and presentations
  - Show experiments and problem solving in action
  - Create test reviews
  - Reminder videos
  - Possibilities are endless!!!

Why Use Technologies in Online Courses?

- Assists in reaching all types of students online
  - Offers oral, visual, and written explanations
- Creates a sense of community
- Incorporates new approaches to teaching
  - Online discussion, grading of assignments, recording journal entries, documenting reflections, providing peer feedback, and presentations
- Allows students to experiment with new technologies
- Enhances social presence and networking
- Encourages interactions between students, instructor, and content
  - Give and receive constructive feedback
- Technologies can help bridge the gap of transactional distance in online courses and create a more social learning environment leading to improved "learner satisfaction and success" (Ni & Aust, 2008)

What are your thoughts? How can you use this technology in your online courses?

Thank you! Questions???