Improving Our Practice Together
Just-in-Time Education and Rich Media (Video Podcasts)

Intended Learning Experience
*Brief description of the type of learning experience / opportunity / environment you are wanting to create and a brief description of the **theoretical framework underpinning it.***

In keeping with initiatives that focus on best teaching practices stemming from research, *Just-in-Time Education* is a theoretical model taken from industry that achieves its goals by moving from standardized, static content to interactive, applied learning using anyplace and anytime delivery (Wind, 2002). This system works effectively for students by making learners active participants in the learning process through access to time and reference sensitive information, by criss-crossing knowledge and the presentation of the most current and up-to-date information available (Wind, 2002; Ragoonaden & Bordeleau, 2000; 2010). This system is rooted in the vision of a 21st century post-secondary educational system focusing on personalised learning and knowledge mobilization (Christensen, 2011). It focuses on providing students the skills they need to participate in a knowledge-based society, while also allowing them to explore an educational path that is best suited to their interests, their capabilities and their time limits/constraints. An on-line learning system can provide students with complete access to the knowledge economy providing them with the flexibility and the critical perception to manage their own learning processes. This initiative using the framework of *Just-in-Time Education,* has the significant potential to impact student learning at the undergraduate and graduate level of UBC's Okanagan campus in a positive and innovative manner. For example, adding video podcasts to course websites provides students with way to interact asynchronously with the instructor, to hear about the course content and to see the PP accompanied by commentary. Recognizing that Rich Media is a term that encompasses a wide range of technologies, the content created extends beyond the typical podcast definition. A typical podcast is an mp3 audio file that is shared or syndicated via an rss feed. Typically, it can be downloaded to a range of devices which include handhelds and can be played on demand. The content created for this course is labeled a video podcast or a screen cast. A micro lecture is another term that could be used for the videos that are generated within podcasts. Regardless of the etymology, this

video podcast can amplify and echo the acquisition of new knowledge since students are exposed to various multimedia representations of the course content (readings, podcasts, web links, etc.)

Tools Used
List of the actual resources, software, hardware, and / or tools you need to create the learning experience

The Centre for Teaching and Learning is in the process of exploring a variety of technologies to simply the creation and publication of rich media content. Underlying criterion for the selection process is that selected technologies be simple to use and be well supported. As part of the testing and selection process a facility has been created in SCI 331 which is being used to test and validate hardware devices and software applications . The space is equipped with the following technologies:

- PC Workstation
- IPad
- Wireless Microphone
- Smart Podium
- Video camera

In addition, a technology called Mediasite is used to weave computer screen content as well as audio and video content into a "Just In Time" supports that can be viewed on web enabled devices.

Workflow for Using the Tool(s) and Sharing It with Students
Mini manual, guides, and / or directions I used to help my students and me

- Storyboarded the flow of the course and decided where to place the podcast to supplement the learning activities
- Prepare Podcast script to accompany the PP.
- Storyboarded the content for both - script and slides
- Met with Bruce at SCI 331 and booked the recording session
- Record the lecture while simultaneously going through the PP
- Bruce verifies the quality control (audio, video etc) and sends me a link to a website

- link is embedded within my course shell - streams the content for easier access for students with lower bandwidth???

- Content can be used for other courses as it is stored on UBC O server

Support for Use
People on campus who have the skills or experience to help
Bruce Young

Example
Screenshot or exemplar of the learning experience – make sure it meets FOIP requirements and doesn't share identifiable student information

Here is the link to the UBC media website
http://mediasitemob1.mediagroup.ubc.ca/Mediasite/Play/f0836e8f76c041538d81bbf5d5ec01ef1d

Tips
Reflection on the use of the tools and lessons learned – what you liked / what you might do differently … reflection on practice

A solid instructional design based a methodic course content is a priority. For example, students progress through the course by accessing a series of seminars. Each seminar is clearly identified on the website (Seminar 1,2, 3 etc.) Instructional resources, links to websites and podcasts which reflect the content of each chapter/ readings has been uploaded.   A separate Discussion Board is in available to students for thematic on-line postings. Each seminar requires two postings, one initial response to the readings and a second response made in relation to a peer's posting. In this manner, students are engaged and connected to the course content, their peers and the instructor.

Emerging questions / ideas I have gained
Future directions you might want to take this and other support you might need / want

I would like to add podcasts to all my on-line and blended courses. This is an important way to develop connections with students and hopefully further student engagement. Bruce has indicated that he is working on software which would allow off site students to upload their own podcasts.

Your Name and the Course In Which You Used This Experience
We want to credit your good ideas and it might be fun to know the course in which you used the learning experience
Karen Ragoonaden, EDUC 526; EDST 592A

Tags / Keywords
Words that we can use to find your learning experience or tools in the blog

Education, Diversity, Conceptions of Learning, podcasts, Mediasite, Lecture Capture, Screen Casting

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1. Fill the template out as completely as you can. Remember that we (ILC) can help you or find people to help you with parts of it, especially preparing the Workflow mini manual and support documents.
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