e3Learning Tools: Showcasing and Test Driving

November 9, 2005
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Agenda

- Who we are and what we want from this session
- e3Learning project structure
- Overview of types of e-interactions
- Hands on & debrief:
  - Interaction with content
  - Interaction with peers
  - Interaction with instructors
- ePlanning Matrix discussion
- AOB
Who we are (I)

How long have you been doing this?
What is your role?
Who we are (II)

What do you want to get out of this session?

• ____________________
• ____________________
• ____________________
• ____________________
A story of two projects to support teachers

Visit website at: http://megaweb.polyu.edu.hk/
Visit website at: http://e3learning.edc.polyu.edu.hk
MegaWeb: Background

- Government funded grant 1998-2002
- “Enhancing Learning, Teaching, and Curricula with a University-wide Integrated World Wide Web Framework”
- Over 400 meetings with staff
- 241 sites built
- 7 full time project staff, MANY part-time student employees
MegaWeb: Support for the development of high quality web sites

- Multiple inputs into design and development of sites

Instructions, Graphic Design, Technical Support
e³Learning: A collaborative project based on three domains

☞ A two year project starting October 2002

Visit website at: http://e3learning.edc.polyu.edu.hk
e3Learning Project Services

- 70 Subject websites with evaluation
- 35 Website enhancements
- 34 Adjunct and support sites
- Many consultations
- 10+ local workshops
- International dissemination
http://e3learning.edc.polyu.edu.hk/edc05/

With the current state of web technology, teaching and learning is not limited to the classroom context but is readily extended to occasions where learners study online and outside formal class times. This workshop aims to demonstrate the various ways the Web can be used to effectively assist learning in a variety of contexts by showcasing real success stories of eLearning tools supported by the eLearning Project. eLearning is a Hong Kong government funded "Teaching Development Grant" (CDG) project. It operates across three universities, the Hong Kong Polytechnic University (PolyU), the City University of Hong Kong (CityU) and The Chinese University of Hong Kong (CUHK). The project has been involved in the building of over 100 websites in the two-year period from October 2002 to December 2004. Details of the project can be found at http://e3learning.edc.polyu.edu.hk/
What kinds of interactions have you…

 Experienced?

 Used in your teaching/course development?
Time for Hands On…

- In small groups try the examples in a category
- First: note your general impressions on the Worksheet
- Later: Select ONE to describe to larger group (use “ePlanning Matrix”)

AOB
Who we are
Project Structure
ePlanning Matrix
Overview of eInteractions
Examples Hands on
Let’s take a look together first…

- Chose ONE example in the category
- Be prepared as a group to share:
  - Likes
  - Dislikes
  - Potential applications
  - ePlanning matrix comments

CDrom  Web
Interaction with content

Chose ONE example in the category

Be prepared as a group to share:

- Likes
- Dislikes
- Potential applications
- ePlanning Matrix comments
List of content examples

- Just-in-time information through **online references**
  - Glossary of Medical Terms
  - Mandarin Pronunciation

- Better explanation of dynamic concepts through **animation** and **simulation**
  - Nuclei behavior
  - Virtual Laboratory
  - Retiniscopy
  - Earth pressure

- Application of concepts through **online cases**
  - Vignette
  - Video case study
  - Story telling

- Improvement of procedural knowledge through **videos**
  - Online Workshop
  - Online video library

- Consolidation of knowledge and skills through **self-assessment with feedback**
  - Self assessment
  - Flash cards
  - Bingo game
  - Drag-n-drop
  - Fluid Flow
  - Sedimentation
  - Centrifuge

- Learning through playing **educational games**
  - Crossword Puzzle
  - Grammar Slot Machine
  - Fluid Flow in Pipe
  - Material Balance
  - Role Play Game

- Increasing assessibility through **mobile-learning**
  - Course Materials in the Pocket
  - Tracking Materials Usage in PDAs
What do you think?

Of the **content** examples you saw…

- **What did you:**
  - Like?
  - Dislike?
- **Potential applications?**
Interaction with peers & instructors

Choose ONE example in each category

Be prepared as a group to share:

- Likes
- Dislikes
- Potential applications
- ePlanning Matrix comments

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Web
List of peer examples

- Building an online learning community
  - Corner cafe
- Peer learning through online group work
  - Online group work
- Challenging each other's ideas through peer commenting and discussion
  - Peer commenting
  - Online debate
- Reflective learning through peer critiques and revision of assignments
  - Peer critique of group assignments
- Building a larger learning community through inter-cultural exchanges
  - Cultural exchange between Hong Kong and Korea
- Better understanding through synthesis and creation by doing multimedia projects
  - Cybernetic Show
List of instructor examples

- **Clarification of ideas with teachers through chat-rooms and discussion forums**
  - Discussion forum of vignette
  - Chat room dialogue

- **Extended discussion on news and controversial ideas**
  - Discussion forum using news
  - Discussion forum on controversial ideas

- **Answering students' questions about the course using forum & FAQ**
  - FAQ of submitting assignments

- **Sharing expertise through video conferencing**
  - Presentation using video conferencing
What do you think?

Of the **peer & instructor interaction examples** you saw…

﴾ What did you:  
≡ Like?  
≡ Dislike?  
≡ Potential applications?  

≡ What do you think?
Application to your own context

审查你对“ePlanning checklist”的优先级评分。

你今天看到了什么可以更好地帮助你实现优先级目标？
Any comments or questions?

Have your goals been met?

AOB

ePlanning Matrix

Who we are

Project Structure

Overview of eInteractions

Examples Hands on

Hands on Overview of eInteractions Project Structure Who we are ePlanning Matrix AOB

Have your goals been met?

Any comments or questions?
For your future reference

http://e3learning.edc.polyu.edu.hk
From today’s session…

what’s your “keeper”