

#### eLearning Forum Asia 2012

24-27 April 2012 @ Peking University, China

#### Enhancing student learning using eLearning tools: A case study of a freshmen course

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# Outline

- Introduction
  - Hong Kong Baptist University (HKBU)
  - Centre for Holistic Teaching and Learning (CHTL)
- New perspective on student learning
- An example from a Freshmen course
  - Use of eLearning tools for learning and teaching
  - eLearning tools usage: student engagement and behavioural change
- Summary

# Hong Kong Baptist University

#### Since 1956 ...



香港浸會大學 HONG KONG BAPTIST UNIVERSITY





- Situated right in the city (downtown location)
- 56,600 square meters on expensive land
- ~ 10,000 FTE students and 2,417 staff (Crowded campus)
- Ranked 111<sup>th</sup> in 2010 THES ranking
- Medium of instruction: English
- First tertiary institution in Hong Kong to focus on the Whole Person Education ethos

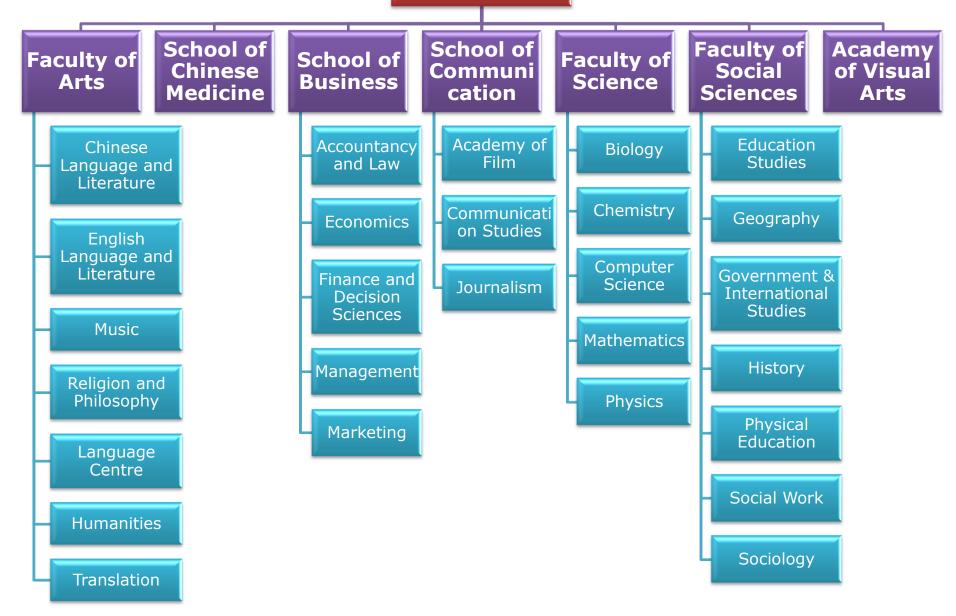


# **WPE@HKBU** embodied by the 7 *Graduate Attributes*

演大願景育全人 民知等技制通群

公民 Be responsible citizens with an international outlook and a sense of Citizenship ethics and civility; Have up-to-date, in-depth knowledge of an academic specialty, as 知識 well as a broad range of cultural and general knowledge; Knowledge Be independent, lifelong learners with an open mind and an inquiring Learning spirit; Have the necessary information literacy and IT skills, as well as 技能 numerical and problem-solving skills, to function effectively in work Skills and everyday life; 創資 Be able to think critically and creatively; Creativity Have trilingual and biliterate competence in English and Chinese, and the ability to articulate ideas clearly and coherently; Communication Be ready to serve, lead and work in a team, and to pursue a healthy lifestyle. Teamwork



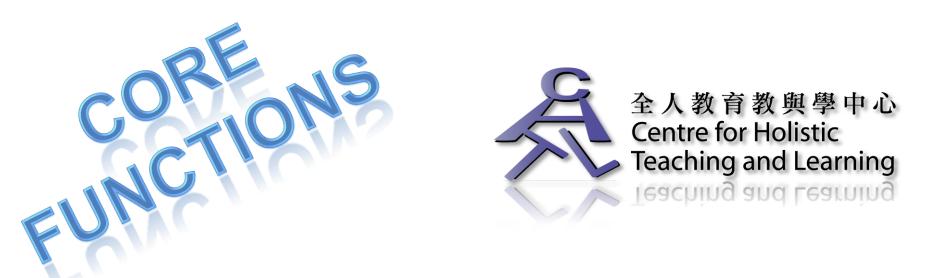


# Centre for Holistic Teaching and Learning (CHTL)



The CHTL works in partnership with academic colleagues to foster continuous quality teaching and learning at HKBU. It aims to reinforce the **student-centred**, **whole-person and outcomeoriented ethos of teaching and learning** in the University. The CHTL will **leverage latest eLearning technology** with innovative pedagogies to advance good practice in teaching as well as cocurricular activities, thereby enhancing the existing holistic environment to be even more conducive to student learning.

www.chtl.hkbu.edu.hk

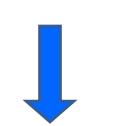


- enhancement of various elements of teaching and learning, including, but not limited to, the Outcomes-based Approach;
- development and implementation of the University's e-Learning strategy to enhance teaching and learning;
- promotion of Whole Person Education mainly through arts and cultural education; and
- assistance in evidence collection for the assessment of student learning.

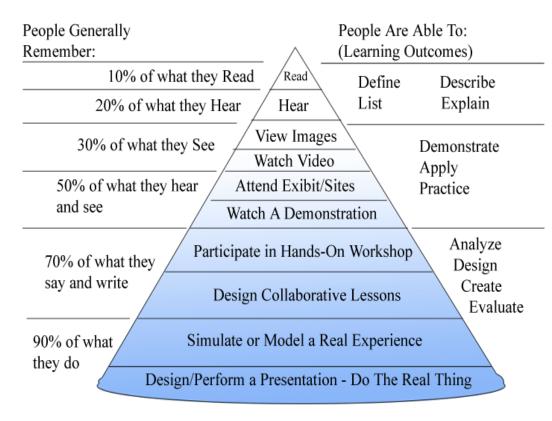
## A New Perspective on Student Learning

# Shifting focus ...

- Information delivery
- Passive learning
- Surface learning



- Students engaged in learning
- Active learning
- Deep learning



#### Dale's Cone of Experience

## eLearning tools to motivate and enhance ...











#### **BU eLearning**

Free and open source e-Learning software platform

http://buelearning.hkbu.edu.hk

# Lecture Capture Package @ HKBU

# a flexible and easy-to-use presentation capture platform

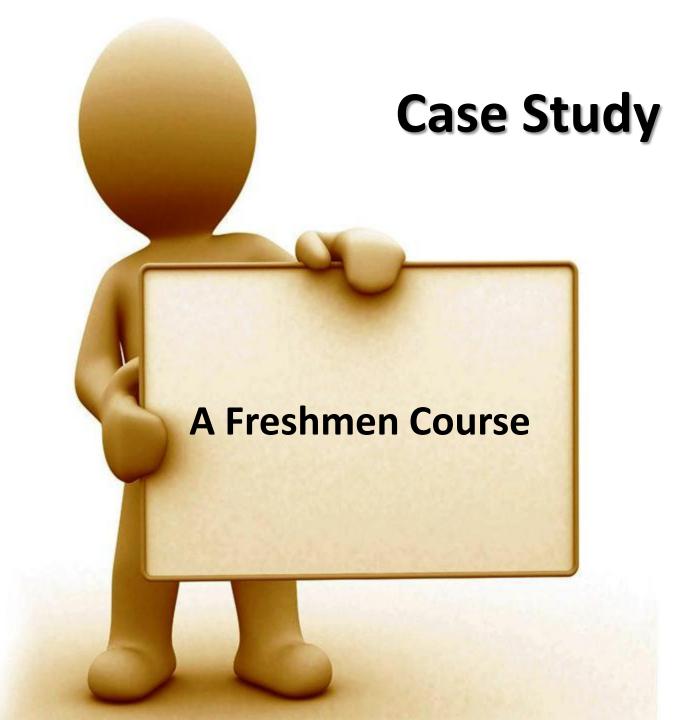


# A coent out a street of the st e-Survey Package @ HKBU

Web-based survey software available for teaching and research

http://hkbuhk.qualtrics.com

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## Arts and Culture (ACEP0010) 基礎年人文素質課

- 3-credit-course
- Compulsory for all Foundation Year students (~150 students)
- Aims at enhancing students' awareness on and appreciation of the arts and cultural diversity in both local and global contexts through various
- Emphasizes on reflective and self-evaluative learning
- Emphasizes on the application of various generic skills

# ACEP 0010 Arts and Culture

#### **Course Intended Learning Outcomes**

At the end of this course, students should be able to:

- **1. Describe** the key factors underpinning the socioeconomic, arts and cultural development, and the conservation of cultural heritage in Hong Kong.
- 2. Effectively apply generic skills (e.g. interviewing, communication, presentation, teambuilding) acquired in this course in society watch project, report writing, oral presentation and inclass/online discussions.
- **3. Reflect** the dynamic interplay between self, social environment and culture in local and global contexts.
- 4. Reflect and evaluate impacts of learning experience in this course on their future study.

## Arts and Culture (ACEP0010) 基礎年人文素質課

#### Cultural Activities

Drama Symphony Orchestra Chinese Orchestra Chinese Opera

#### Seminars

Legislative Council Chairman Movie Director Real Estate Entrepreneur

#### **Society Watch**

Sex Industry Undertaking Youth at Risk Police Force Fire Service Street Peddle...

## eLearning tools to enhance student learning

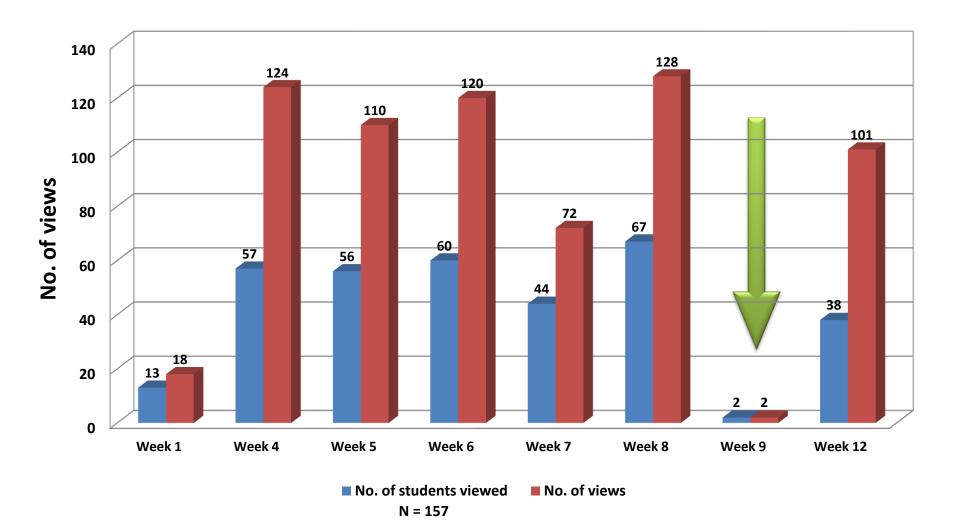
- Learning Management System
  - Discussion Forum
  - Resources Management
  - Assignments Submission
  - Library toolkits
- e-Survey package
- Plagiarism detection tool
- Lecture capture package

- questions and queries from students
- engage students outside class
- encourage student-faculty and peerpeer interactions
- students can prepare themselves before the class and ask relevant questions during class
- formative assessment
- students can learn from their own mistakes and avoid plagiarism
- allow students to review their presentation according to teachers' and peers' comments

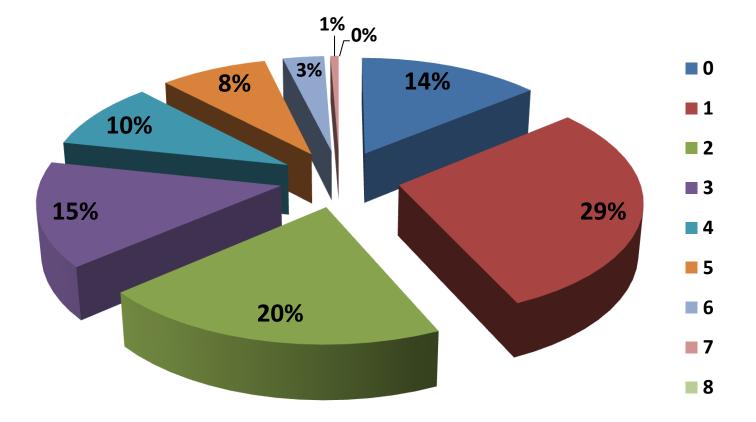
# eLearning Tools Usage Statistics

# Student Engagement and Behavioural Change

#### No. of views for each class capture

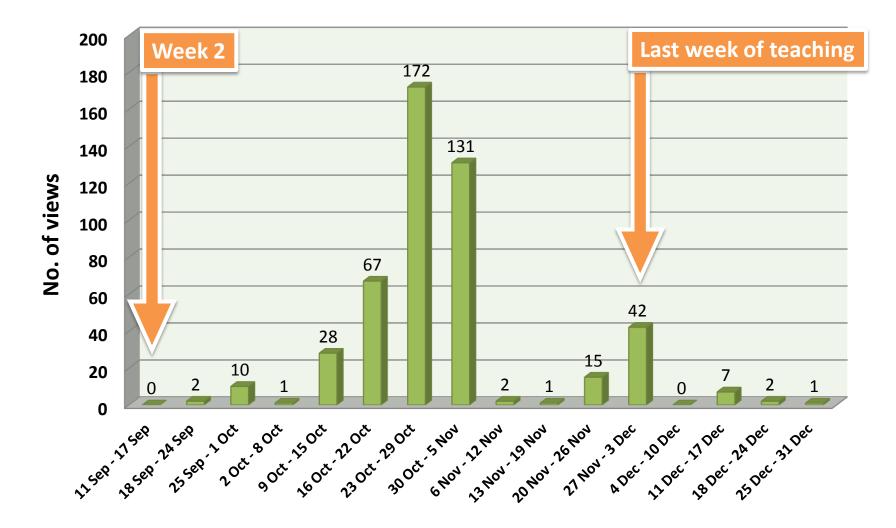


#### No. of class captures viewed by students

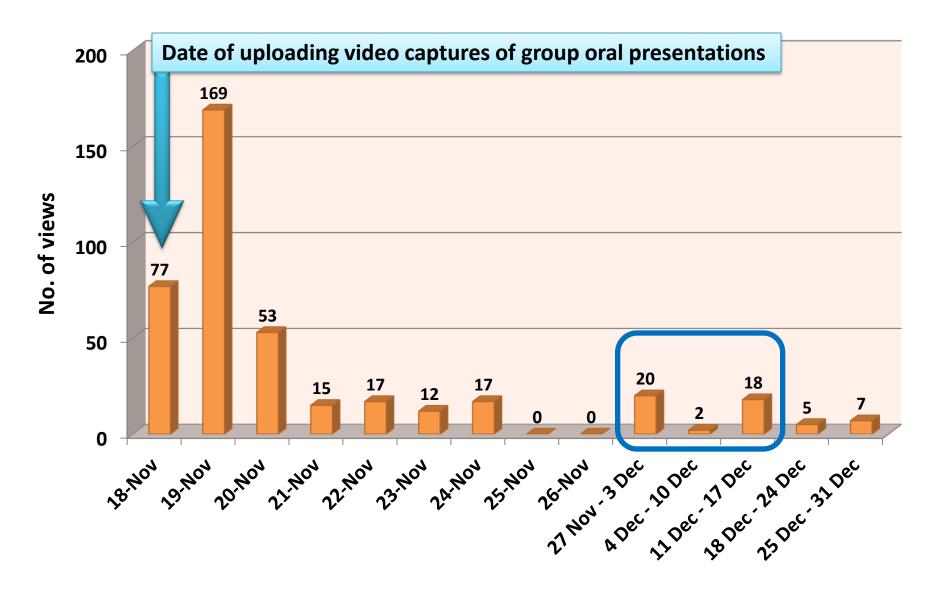


N = 157

#### No. of class captures viewed by students across semester

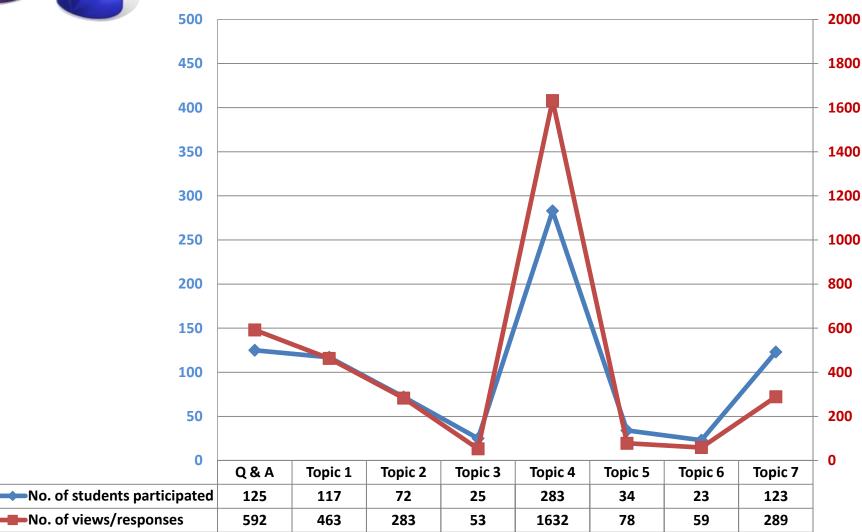


#### No. of views: group oral presentation

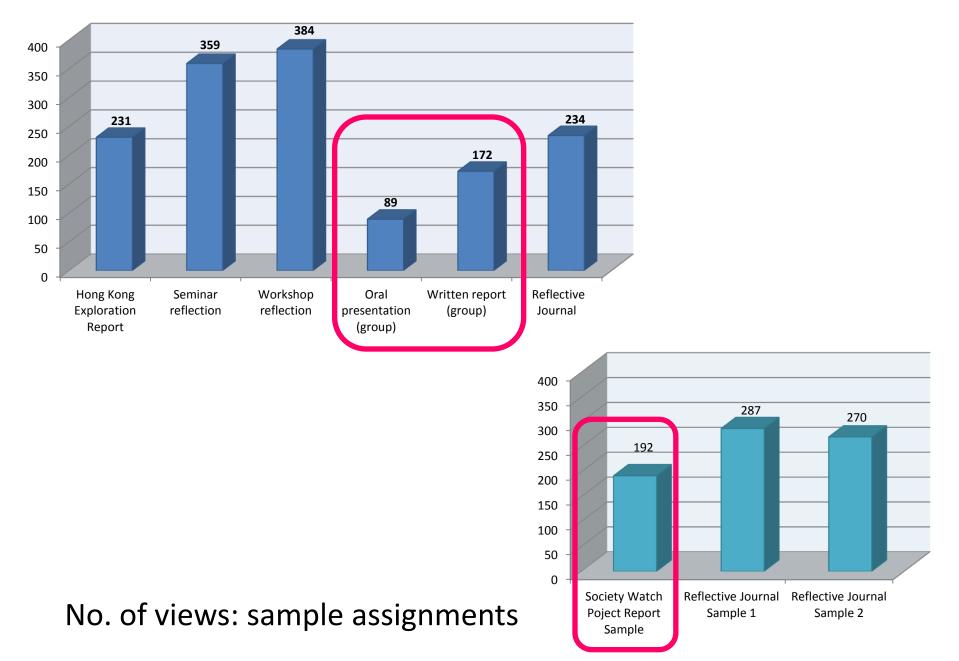




### **Moodle Online Discussion**



#### No. of views: assessment rubrics

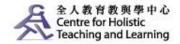


# Summary



- Students are highly engaged in online activities whenever they found these activities useful for their learning.
- Students are willing to use e-resources but sometimes very selective.
- Students take time to get used to various eLearning tools.
- Timely feedback to students' works is crucial for students to maintain their momentum to participate in online activities.
- Careful design of eLearning activities can promote selfregulated learning.







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