



eLEARNING @ CUHK

An overview



eLearning at CUHK - An overview

- ❑ Positioning of eLearning
- ❑ Enabling strategies and actions
- ❑ Grant schemes
- ❑ MOOCs and Micro-modules
- ❑ Services provided by ELITE

eLearning is



Academic
Development Plan
(2016-2019)

- One of the three development areas

Strategic Plan
(2016 – 2020)

- One of our goals in Education

Education

Vision

A university with continuous **enhancement of education** to nurture graduates who will be global leaders with **aspirations and competencies** to make life-long contributions to society.

3Cs – Continuous enhancement
Competencies
Contributions



Education

Goals

- To foster students' **aspirations** and improve their competencies to make life-long contributions to society
- To enhance graduates' **global competitiveness**
- To sustain continuous **quality enhancement** in teaching and learning (T&L)
- To adopt **innovative pedagogies** for continuous teaching enhancement
- To serve **community needs** and enhance competitiveness of student admissions



Enabling strategies and actions



<https://jennfireblendedlearning.wordpress.com/2014/02/19/e-learning-workshop/>

Strategies and actions

- Organisation and structure
- Common goals and understanding
- Policies
- Platforms
- Training and support for teachers
- Resources
- Research and scholarship



Organisation and structure

- ❑ Committees designated to propose, implement and oversee the policies, strategies and actions to promote eLearning

eLearning Taskforce



- ❑ established in August 2016
- ❑ Report to AAPC and Council
- ❑ Lead the University's development on eLearning
- ❑ Co-chaired by VC and Provost
- ❑ PVC (Education), Associate deans (Education), teacher and student representatives as members

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- ❑ CLEAR and Faculty of Education are tasked to provide training in eLearning
 - ❑ 3 'champions' on eLearning nominated by each faculty to lead development
 - ❑ Guidelines for quality eLearning courseware
 - micro-modules for campus wide use (MMCU)
 - MOOCs
 - ❑ Policies regarding eLearning
 - ❑ Study to investigate acceptance levels of stakeholders

Common goals and understanding

An understanding of what eLearning constitutes, our goals, aims and objectives

□ eLearning pedagogies (within CUHK)

- Flipped classroom
- Blended learning

□ Courseware development

- Micro-modules for campus wide use (MMCU)
- MOOCs – for international presence

Policies (being developed)

- Assessment
- Quality assurance
- Workload calculation
- Contact hours

Platforms

□ Within CUHK

- LMS
- Programme / Department / Faculty
- KEEP

□ Beyond CUHK

- KEEP
- Coursera
- CNMOOC

Training support for teachers

- Survey on the training support and needs
- Faculty-based sessions on eLearning
- Talks / workshops series organised by ELITE /ITSC / CLEAR / KEEP
- eLearning as a topic in PDC
- Community of Practice on eLearning

Resources

- Infrastructure, pedagogy and technical support
 - ITSC, ELITE, KEEP, CLEAR

- Grant schemes for eLearning
 - Developing eLearning materials / pedagogy research
 - TDLEG
 - Courseware Development Grants
 - Micro-Module Development Grants

Research and scholarship

□ Grant schemes

- Courseware development
- Pedagogy research – impact and effects
- Comparison between face to face instruction and eLearning

Grant Scheme	Year 1	Year 2	Year 3	Total (in HK\$)
Scheme 1: Basic Scheme	2m	2m	2m	6m
Scheme 2: Studies in Foundation Courses	1m	1m	1m	3m
Scheme 3: eLearning Pedagogy Research	1.5m	1.5m	1.5m	4.5m
Total	4.5m	4.5m	4.5m	13.5m

Research and scholarship

Call for new round of application coming soon

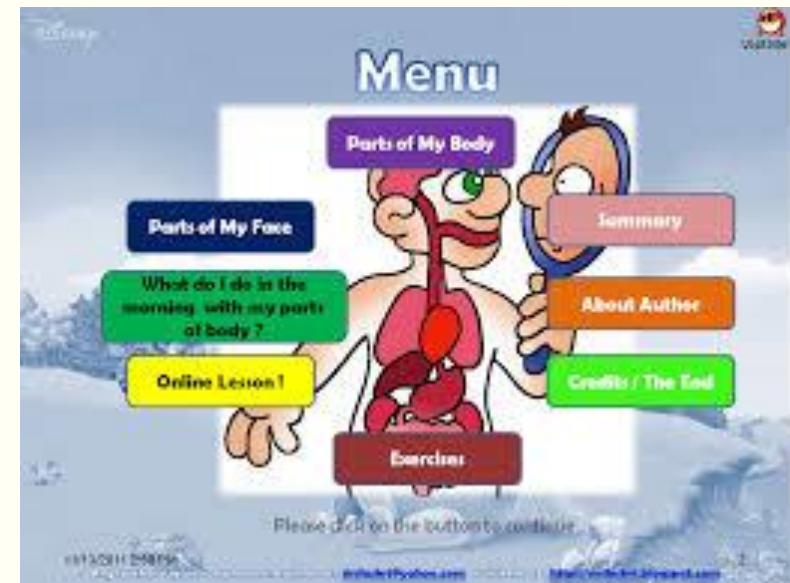
□ Grant schemes

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Outcomes and Products

- MOOCs
- Micro-modules



<http://goenglishmagazine.es/speak-world-mooc>

<http://sirshukri.blogspot.hk/2011/11/kssr-power-point-coursework-2.html>

Examples of CUHK's MOOCs

- 'The Role of the Renminbi in the International Monetary System'
「人民幣在國際貨幣體系的角色」
- 'The Beauty of Kunqu Opera' 「崑曲之美」
- 'Classics of Chinese Humanities: Guided Readings'
「中國人文經典導讀」
- 'Structural Equation Model and its Applications' 「結構方程模型及其應用」
- 'Information Theory' 「信息論」

Enrollment of 6 MOOCs

No. of offer	No. of learner s joined	Number of certificate offered
8	121,146	2,590

Ongoing CUHK MOOCs

- ❑ 'The Beauty of Kunqu Opera'
 - ❑ 'Classics of Chinese Humanities: Guided Readings'
 - ❑ 「中國人文經典導讀」
 - ❑ 'Structural Equation Model and its Applications'
 - ❑ 'Basic Modeling for Discrete Optimization'
 - ❑ 'Advanced Model for Discrete Optimization'
- (with University of Melbourne)

Upcoming MOOCs

- ❑ Doing Business in China (4 courses)
- ❑ Public Health Humanitarian Responses to Natural Disasters (4 courses)
- ❑ Everyday Chinese Medicine
- ❑ 「崑曲之美」 (Traditional Chinese Version)

Upcoming MOOC (CNMOOC)

- Protein Trafficking
- Information Theory
- 「崑曲之美」 (Simplified Chinese Version)
- Physics Micro-modules
- 中国农村健康及备灾培训
- 环球计划及标准-人道救援响应的最低标准
- 离散优化建模基础篇
- 离散优化建模高阶篇
- A course to be developed by General Education Programme Team
- A course on Family Counseling and Family Education to be developed by Dept of Social Work

Development of Micro-modules

- ❑ Micro-Module Courseware Development (MMCD)
Grant Scheme – 2014-2015
- ❑ **24** projects funded
- ❑ **140** micro-modules developed
- ❑ Used in **30** courses (From undergraduate to PG courses)

15 presentation styles used

□ e.g. narrated ppt slides

What a Review is Not...



- An essay
- A book
- A book report
- An off-the-cuff, personal response
- A string of quotations



Social Constructivism: Religion and Peace

- We are living in a complex web of cognitive structures
- Constructivism does not maintain that religious worldviews inherently push adherents towards violent conflict. Religious frameworks can equally inspire non-violent behavior.
- Whether conflict is escalated or de-escalated, by religious structures depends on
- which interpretation of religion prevails in a given situation and, consequently, on the identity adherents derive therefrom.

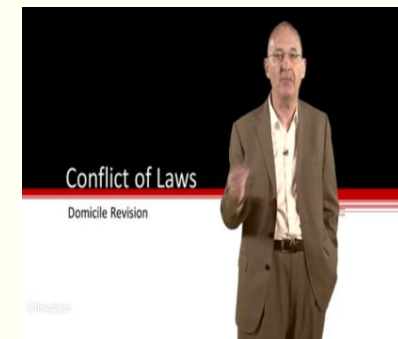
Decisions

- We make decisions in real life.
 - E.g. If the weather is good, then we will go to picnic.
- How to ask the program to make decisions in C?
 - We use the **if** statement.

Condition
Either true or false.

Action
Execute when the condition is true.

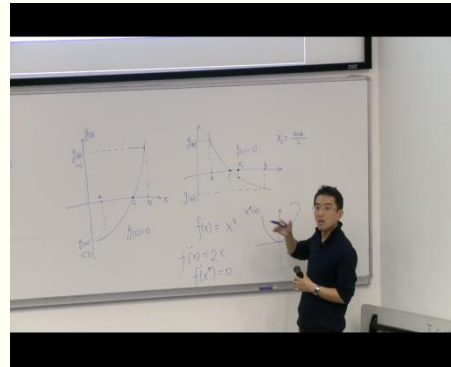
□ Video + static ppt slides



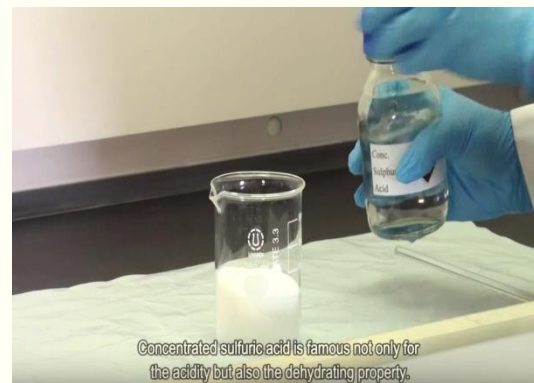
□ Powtoon videos



□ Video-taped lecture



□ Demonstration



□ Animation



□ Drama



□ Interview



ELITE

Centre for eLearning
Innovation and Technology

6 Fl Hui Yeung Shing Building

- ❑ Opened in January 2016
- ❑ Staff expertise
 - 2 Instructional Media Production Specialists
 - 1 Instructional Designer



eLearning talk / workshop Series

Talk
1

Workflow
and
eLearning
practices
in CUHK

Talk
2

Pedagogical
design of
eLearning

Talk
3

Tools for
eLearning

Talk
4

Media
production