1. Course Title (Course Code)

E-Learning (2273)

2. Instructor

Yi Sun

3. Term

Fall 3

4. Outline and Objectives

E-learning is an effective tool for education, especially in developing countries, it is possible to provide a high quality education in a low cost, and it's an important means to reduce the gap of education level between the advanced countries and the developing countries. In this course, I will give many topics about e-Learning, and discuss with all of the students, through these discussions to deepen your understanding of e-Learning.

5. Goals (Attainment Targets)

This course aims to provide students with the knowledge and skills to start engaging in the use of ICT for teaching, learning. Successful candidates will be able to:

(1). Understand the key concepts and benefits of e-Learning.
(2). Understand how to planning an ICT-enhanced lesson.
(3). Understand safety, security and well-being considerations when applying ICT in education.
(4). Understand how to design the e-Learning contents, and can correct and reasonable use the internet resources.
(5). Understand how to source and evaluate ICT resources for teaching, learning and assessment.

6. Correspondence relationship between Educational goals and Course goals

Educational goals			Course goals
High level ICT skill	Basic academic skills		(1)
	Specialized knowledge and literacy		(2), (3), (4)
Human skill (Tankyu skill)	Ability to continually improve own strengths		(2), (3)
	Ability to discover and resolve the problem in society	Problem setting	(3), (4)
		Hypothesis planning	(2), (4)
		Hypothesis testing	(4), (5)
		Practice	(2), (4)
	Fundamental Competencies for Working Persons	Ability to step forward	(2), (4)
		Ability to think through	(2), (3), (4), (5)
		Ability to work in a team	(2), (4), (5)
Professional ethics			(3), (4)

7. Course Requirements

None.

8. Textbooks

None.

9. Reference Books

The reference resources will be announced at the lecture.

10. Evaluation

Goals	Evaluation method & point					
	term-end exam	quiz	report	presentation	deliverable	other
(1)				○	○	
(2)			○	○	○	
(3)				○	○	
(4)			○	○	○	
(5)			○	○	○	
Allocation			20	50	30	

11. Notes

This course does not use a textbook, but course materials will be provided on Moodle.

Course Schedule

(Notice) This schedule is a tentative plan; there might be changes, additions, and revisions etc. at the time of delivering the course.

Lesson 1: e-Learning introduction (1)   (Lecture 90min.)

- The Guidance of this course.
- What is e-Learning?
- The history of e-Learning.
- The key points of e-Learning.

Lesson 2: e-Learning introduction (2)   (Discussion 90min.)

We will discuss what is e-Learning, and share your definition of e-Learning each other.

Lesson 3: Synchronous e-Learning   (Lecture/Discussion 90min.)

I will introduce the Synchronous e-Learning concept, and discuss how about your understanding.

Lesson 4: Asynchronous e-Learning   (Lecture/Discussion 90min.)

I will introduce the Asynchronous e-Learning concept, and discuss how about your understanding.

Lesson 5: The contents of e-Learning (1)   (Lecture 90min.)

At this lecture, I will tell you how to design the e-Learning contents, include how to find the suitable resource, how to arrange the materials, and how to design the contents to produce the best possible results.

Lesson 6: The contents of e-Learning (2)   (Discussion/Presentation 90min.)

Continue with the previous lecture, discuss what are the good contents of e-Learning. And present your idea about how to create the best e-Learning content.

Lesson 7: e-Learning and Instructional design (1)   (Lecture 90min.)

At this lecture, you can learn the Instructional design, include the modern learning theory, learning ecology model, curriculum design etc.

Lesson 8: e-Learning and Instructional design (2) (Discussion/Presentation 90min.)

Based on the previous lecture, discusses and presents your idea about the Instructional design base on e-Learning.

Lesson 9: e-Learning Systems   (Lecture/Discussion 90min.)

The overview of the trend ICT technologies, and discuss what kind of e-Learning system could be designed by the trend ICT technologies.

Lesson 10: The data mining of e-Learning (Lecture/Discussion 90min.)

The introduction of data mining technologies, and discuss how to use it in an e-Learning system.

Lesson 11: Collaborative learning and e-Learning (1) (Lecture/Discussion 90min.)

The concept of collaborative learning, and discuss how do you think about the collaborative learning.

Lesson 12: Collaborative learning and e-Learning (2)
(Discussion/Presentation 90min.)

Continuing with the previous discussion, summarizing it with your experience, create a collaborative learning plan and present it.

Lesson 13: The security of e-Learning system (Lecture/Discussion 90min.)

The introduction of security of e-Learning system, include data security, protection, hacking etc. It also outlines some potential risks for students using ICTs such as cyber bullying, spams, junk-mails, accessing illegal materials, hackers, etc. At the end, students will suggest some ways to minimize these risks of using ICTs.

Lesson 14: Final-term Revision (Lecture/Discussion 90min.)

The review of all of this course, and have a Q&A session.

Lesson 15: Term-end Presentation (1) (Presentation 90min.)

Confirmation of Understanding/Assessment

Lesson 16: Term-end Presentation (2) (Presentation 90min.)

Confirmation of Understanding/Assessment