Cluster	Course Title	Instructor	Credit	Semester
A	Technology-Enhanced Classroom Environments	Innwoo Park	2	2016 Winter

Course Description

This course is intended to provide theoretical and practical perspectives on the use technology in classrooms of K-12 and higher education. It will focus on theories that support the use of technologies in classrooms, types of technologies in use, similarities and differences between countries in Asia, trends and issues, and future classrooms with technology. In particular, the course will limit to the use of technology by students and teachers in a classroom. It will also explore how technology-enhanced classroom could be installed more in each country to enhance learning and teaching.

Objective

Through participating in the course, students will be able to
- Explain the related theories to the use of technology in classroom
- Classify the types of technology in use.
- Identify the similarities and differences in the use of technology in Asia.
- Analyze the trends and issues of the technology-enhanced classroom.
- Predict the future classroom with technologies.

Leaning Method

The course mainly uses instructor's lectures and students' presentations regarding assigned papers. Each session deals with theories, current status, trends and issues, similarities and differences, and the future classroom. There will be a lot of discussion about the topics. Students are to gain knowledge and insight on the use of technology to enhance learning and teaching in classroom.

Contents

1) Introduction
2) Constructivism and Technology
3) Student-centered learning environments
4) Technologies in classroom : Elementary and Secondary
5) Technologies in classroom : Higher education and others
6) Similarities and Differences
7) Trends and Issues
8) New Technologies
9) Future Classroom

Requirements

1) Students are expected to participate in class presentations and discussions
2) Students are required read several papers for each session and make presentation about the papers.
3) Students have to submit the final research paper dealing with one of the issues identified in the course.

Evaluation

- Active participation (20%)
- Assignment and presentation (30%)
- Research Report (60%)

Textbooks and Papers

1. There are no textbooks for the course
2. Readings will be given before each session
3. Students are expected to read the readings when they come to each session.