Research on Instructional Technology（2018, 2）

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Office Hour: Tuesday 1:20~5:10

Course Goal:

The primary goal of this course is to provide students with an introduction to the field of instructional design and technology. In additional to performing production skills, students know the field's history and its current status, as well as the trends and issues that have affected it.

Course Objectives

1. To understand the definition of instructional technology
2. To understand the applications and limitations of instructional technology
3. To understand the future trends of instructional technology

Schedule

week/ date	Instructional Contents	Assignments & Discussion
1. 3/1	Introduction	Discussion: What do you think about instructional technology? What is your dream about IT?
2. 3/8	Reiser & Dempsey Ch.1 What Field Did You Say You Were in?	Assignment 1: p.6, Q1: Define the field
3. 3/15	Reiser & Dempsey Ch.2 History of IDT	Assignment 2: Reflection on history of IDT
4. 3/22	Reiser & Dempsey Ch.2 History of IDT	
5. 3/29	Reiser & Dempsey Ch. 3 Characteristics of Foundational ID Models Shibley et al. (2011). Designing a Blended Course	Assignment 3: Understand ADDIE
6. 4/5	Spring Break	
7. 4/12	Reiser & Dempsey Ch. 4 SAM and Pebble-in-the-Pond	Assignment 4: ID Analysis
8. 4/19	Reiser & Dempsey Ch. 6 Psychological Foundations of ID	Assignment 5: ID Analysis + Design
9. 4/26	Reiser & Dempsey Ch. 20 Integrating Technology into K-12 Education	
10. 5/3	Reiser & Dempsey Ch. 23 IDT in an Asia Context: Focusing on	

	Japan and Korea	
11. 5/10	Reiser & Dempsey Ch. 27 E-learning and ID	Assignment 6: ID Analysis + Design + Development
12. 5/17	Reiser & Dempsey Ch. 28 Social Media and ID	
13. 5/24	Morrison, Ross & Kemp Ch. 11 Developing Evaluation Instruments	Assignment 7: ID Analysis + Design + Development + Evaluation
14. 5/31	Reiser & Dempsey Ch. 29 Mobile Learning Ch. 30 MOOCS	
15. 6/7	Present ID reports	Instructional design unit report
16. 6/14	Present ID reports	Instructional design unit report
17. 6/21	Present research reports	Present your research report
18. 6/28	Closure	Discussion: What do you think about instructional technology now? Have you changed your dream about IT?

Course requirements:

Students will be assigned two to three chapters for reading in advance and report the main points to peers. Everyone will design an instructional unit which follows an ID model, and will turn in a final research report about issues of instructional technology.

Grading policy:
Participation 15%
Assignments 45%
Instructional design unit 25%
Final research report 15%

Required textbook:
1. Reiser, R. A., & Dempsey, J. V. (2018). *Trends and issues in instructional design and technology*. Boston, MA: Pearson.
2. Morrison, G. R., Ross, S. M., Kalman, H. K., & Kemp, J. E., (2011). *Designing effective instruction*. Hoboken, NJ: John Wiley & Sons.

References:
Journal: Educational Technology, Educational Technology Research & Development, School Library Media Activities, etc.