EDTECH 504---4172 (Spring 2013)

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Overview of classic and contemporary theories of learning and their applications in educational technology and emerging orientations; implications for practice. Explores foundations, history, perspectives, and literature in the field. Enables students to think more critically about their efforts and career goals.

Prerequisite: EDTECH 501.

Objectives

1. Distinguish between the theoretical positions that underlie current approaches to educational technology.
2. Define and identify epistemological principles.
3. Identify major theoretical schools of thought.
4. Differentiate between epistemological beliefs and theoretical schools of thought.
5. Describe and account for the origins of major theories and their influence on educational technology.
6. Show how perceptions and approaches to educational technology have been influenced by prevailing educational theories (and vice versa).
7. Explain how systematic approaches to educational technology differ from traditional classroom-based approaches to teaching.
8. Contextualize emerging theories of learning within contexts of technological change.
9. Apply educational technology theories to practical development contexts.

Course Materials:


Select chapters from this book (which may also be available in previous editions) will be used.

Other readings will be provided as .pdf files.
Major Assignments and Schedule (note: all topics, assignments and times TBD):

January 20-Feb 2  Defining Educational Technology; Epistemology
Feb 3 – Feb 17  Epistemology, con’t. Theories of learning (Behaviourism, Cognitivism)
Feb 18-March 3  Theories of learning, con’t (Constructivism, Social and other approaches) – Quiz or assignment on foundations, March 4
March 4 – 17  (Issues and trends: technology, theory and practice)
March 18-30 (includes one week of spring break)  Project proposals due by March 23.
March 31-April 14  (technology, theory and change) Quiz on issues, trends on April 13
April 15-28  (discussion of project questions)
April 29-May 11  (completion of projects); Projects due May 10