

ETEC 695
Evaluation of Instructional Technology Research
3 hours

Master Syllabus

Description: As a result of this course, the student will be able to discuss instructional research related to the implementation of technology-based instruction in the schools; develop knowledge of the curricular inquiry into research and organization of curricular designs for technology-based instruction in a variety of settings; evaluate research in technology-based instruction; apply the findings of instructional and curricular research into technology-based instruction in projects for implementation in educational settings.

Textbook: Because of the nature of this course, much of the reading material will be in journal form. A reading list will be developed for each presentation of this course.

Evaluation/Assessment: Students will write reflective reactions to books and research read as part of the course material. Students will also prepare a position paper with regard to a topic of their choosing in the field of educational technology that will be used as part of an authentic assessment.

Objectives: Upon completion of this course, each student should be able to:

Locate, read and discuss examples of leading research and theory articles

Synthesize prior learning with class materials to develop an overall philosophy in instructional technology that is compatible with stated learning theory beliefs and future practices

BIBLIOGRAPHY:

Bromley, Hank, & Apple, Michael W. (Editors). (1998). Education/Technology/Power: Educational Computing As a Social Practice (Suny Series, Frontiers in Education). State Univ of New York Pr; ISBN: 0791437981.

Goldman-Segall, Ricki. (1997). Points of Viewing Children's Thinking : A Digital Ethnographer's Journey. Lawrence Erlbaum Assoc; ISBN: 0805824324

Katz, Richard N. (Editor) (1999). Dancing With the Devil : Information Technology and the New Competition in Higher Education (Jossey-Bass Higher and Adult Education Series). Jossey-Bass Publishers; ISBN: 0787946958.

Palloff, Rena M., & Pratt, Keith. (1999). Building Learning Communities in Cyberspace: Effective Strategies for the Online Classroom (The Jossey-Bass Higher and Adult Education Series). Jossey-Bass Publishers; ISBN: 0787944602.

Papert, Seymour. (1994) The Children's Machine : Rethinking School in the Age of the Computer. Basic Books. ISBN: 0465010636

Postman, Neil. (1992). Technopoly: The Surrender of Culture to Technology. Vintage Books; ISBN 0679745408.

National Research Council (Editor) (1999). Transforming Undergraduate Education in Science, Mathematics, Engineering, and Technology. National Academy Press; ISBN: 0309062942.

Schank, Roger C. (Editor). (1998). Inside Multi-Media Case Based Instruction. Lawrence Erlbaum Assoc; ISBN: 080582538X