



COURSE SYLLABUS
Southeast Missouri State University

THE TEACHER AS PROFESSIONAL EDUCATOR

Department of Middle and Secondary Education

Course No.: SE 685

Course Title: Planning for Technology in the School District

New: Fall 2005

I. Catalog Description and Credit Hours of Study:

An examination of technology in school districts combined with an exploration of issues and trends from current literature and planning for future technology needs. 3 credit hours

II. Prerequisites: None

III. Purposes and Objectives of the Course:

Students will:

- A. Increase knowledge concerning the current status of technology within a school district and analysis of the future needs of the district.
- B. Examine and analyze current technology issues and trends through research, reading of current articles, and written reflections.
- C. Locate and plan technology resources and funding including grants for the classroom and district.
- D. Examine a school district's technology plan and analyze future trends to develop a district technology improvement proposal.

IV. Expectations of Students.

- A. Demonstrate graduate level analysis and writing through completion of a variety of class activities such as online discussions, research, reports, journal readings, individual projects, and written assignment.
- B. Locate and read relevant literature on educational uses of technology and evaluate the effectiveness of the literature in relation to educational needs of students, teachers, and district goals.
- C. Completion of course objectives in a responsible and professional manner.

V. Course Content:	Hours
A. Current issues and trends affecting educational technology	9
B. Assessment and analysis of a school district	9
C. Examination of a district's current technology plan and analysis of future needs and goals	9
D. Locating technology resources and grant funding	9
E. Development of a technology improvement plan	<u>9</u>
Total Hours	45

VI. Course Materials:

Hirshbuhl, J. & Bishop, D. (eds) (2004). *Computers in education 2004/2005: Annual editions (11th ed.)*. Guilford, CT: McGraw-Hill/Dushkin.

VII. Basis for Student Evaluation

Online Discussion and Written Assignments	40%
Grant Research and Proposal	30%
District or Departmental Technology Improvement Plan	30%

Percentages at which letter grades are given:

90% - 100%	A
80% - 89%	B
70% - 79%	C
0% - 69%	F

The weight of evaluation criteria may vary at the discretion of the instructor and will be indicated at the beginning of each course.

Academic Policy Statement:

Students will be expected to abide by the University Policy for Academic Honesty in regards to plagiarism and academic honesty. Refer to: <http://www6.semo.edu/judaffairs/code.html>

VIII. Knowledge Base

- Alessi, S. & Trollip, S. (2001). *Multimedia for learning: Methods and development (3rd ed.)*. Boston: Allyn and Bacon.
- Geisert, P., and Futrell, M. (2000). *Teachers, computers, and curriculum*. Boston: Allyn and Bacon.
- Grabe, M. & Grabe, C. (2004). *Integrating technology for meaningful learning*. New York: Houghton Mifflin.
- Heinich, R., Molenda, M., Russell, J., Smaldino, S. (2005). *Instructional media and technologies for learning (4th ed.)*. Columbus: Merrill.
- Jonassen, D. & Howland, J. (2003). *Learning to solve problems with technology: A constructivist perspective (2nd ed.)*. Upper Saddle River, NJ: Merrill/Prentice-Hall.
- Lever-Duffy, J, McDonald, J., & Mizell, A. (2005). *Teaching and learning with technology*. Boston: Allyn and Bacon.
- Maddux, C., Johnson, D., & Willis, J. (2001). *Educational computing: Learning with tomorrow's technologies (3rd ed.)*. Boston: Allyn and Bacon.
- Morrison, G. & Lowther, D. (2005). *Integrating computer technology into the classroom (3rd ed.)*. Upper Saddle River, NJ: Merrill/Prentice-Hall.
- Newby, T., Stepich, D., Lehman, J., and Russell, J. (2005). *Instructional technology for teaching and learning*. Columbus: Merrill Books, Inc.
- Norton, P. & Wiburg, K. (2003). *Teaching with technology: Designing opportunities to learn*. Belmont, CA: Wadsworth/Thomson Learning.
- Roblyer, M. & Edward, J. (2005). *Integrating educational technology into Teaching (4th ed.)*. Columbus: Merrill.

Suggested Technology Journals:

American Journal of Distance Education
Classroom Computer Learning
Computers in the Schools
Distance Education
Educational Communication and Technology Journal
Educational Computer
Educational Technology
Educational Technology Research and Development

Electronic Learning
Journal of Computer-Based Instruction
Journal of Computing in Childhood Education
Journal of Educational Computing Research
Journal of Educational Multimedia and Hypermedia
Journal of Educational Technology Systems
Journal of Research on Computing in Education
Learning and Leading with Technology
Multimedia Schools
Online
Syllabus
Technology and Learning
Technology Connection
Tech Trends
Telecommunications for Learning
The Computing Teacher
T.H.E. Journal: Technological Horizons in Education

Student with Disabilities Statement:

If a student has a special need addressed by the Americans With Disabilities Act (ADA) and requires materials in an alternative format, please notify the instructor immediately. Reasonable efforts will be made to accommodate special needs.