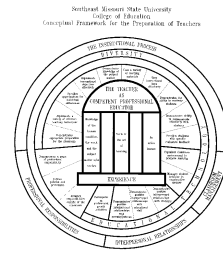


# COURSE SYLLABUS

## SOUTHEAST MISSOURI STATE UNIVERSITY

Department of Elementary, Early & Special Education  
Course: Using Internet in the Classroom

Course No. EL321  
New: Sp 99



### “The Teacher As Competent Professional Educator”

#### I. Catalog Description and Credit Hours of Course:

This class will provide an in-depth look at the use of the Internet, World Wide Web, and e-mail as they relate to teaching and learning in the classroom. (3)

#### II. Prerequisite(s):

EL210 Integrating Technology into the Classroom

#### III. Purposes or Objectives of the Course:

By the end of the course, the student will have demonstrated acquisition of the knowledge base and skills necessary to:

- A. Identify and apply capabilities of e-mail to the teaching and learning process in the classroom.
- B. Demonstrate ability to use the information available in a Gopher server in the classroom.
- C. Describe how Internet resources can be used to access information.
- D. Describe and demonstrate examples of how Internet can effectively be used in planning student-centered teaching and learning activities.
- E. Describe and demonstrate how Internet can be integrated into teaching science, math, social studies, communication arts, and specialty areas.
- F. Identify professional resources and training resources for teachers on the Internet.
- G. Identify hardware resources necessary to set up Internet in the classroom
- H. Design and develop a Web site to be used instructionally.
- I. Implement video conferencing as a tool for instruction

**IV. Expectations of Students:**

- A. Students will complete all assigned readings in textbook, handouts and relevant professional journal articles.
- B. Students will participate in classroom discussions and activities.
- C. Students will demonstrate achievement of course objectives through exams and projects.
- D. Students will use instructional technology to develop class-assigned projects.

**V. Content or Outline:**

**Hours**

- |    |  |   |
|----|--|---|
| A. | Instructional uses of e-mail and online travel adventures such as Mayaquest. | 6 |
| B. | Access and use of gopher   | 3 |
| C. | Instructional use of the World Wide Web                                      | 6 |
| D. | Teaching students to use Internet  | 3 |
| E. | Integrating Internet into the curriculum                                     | 9 |
|    | 1. Science   |   |
|    | 2. Math  |   |
|    | 3. Social Studies  |   |
|    | 4. Music   |   |
|    | 5. Dance, music, theater, and visual arts                                    |   |
|    | 6. Communication arts  |   |
|    | 7. Special education   |   |
|    | 8. Vocational education  |   |
| F. | Using the Internet as a reference tool<br>Evaluation of resources            | 6 |
| G. | Professional use of the Internet for teachers.                               | 6 |
| H. | Development and instructional use of a Web site for instruction              | 6 |

**VI. Textbook(s) and/or Other Required Materials or Equipment:**

Wresch, W. (1997). *A teacher's guide to the information highway*. Upper Saddle River, NJ: Merrill.

Rivard, J.D. (1997). *Quick guide to the Internet*. Needham Heights, MA: Allyn and Bacon.

**VII. Basis for Student Evaluation:**

- A. Basic competency demonstration in use of Internet
- B. Tests
- C. Interactive Web site

## VIII. Knowledge Base:

Anderson, R.H., Bikson, T.K., Law, S.A. & Mitchell, B.M. (1995). *Universal access to e-mail. Feasibility and societal implications*. Santa Monica, CA: Rand.

Ames, S., Angle, M. Brubaker, S., Mahan, J., Marchand, D., Walker, E., O'Neil, S., & Pappal, M. (1995). *Teaching electronic information skills: A resource guide for grades K-5*. McHenry, IL: Follett Software Co.

Berge, Z. & Collins, M.P., (1995). *Computer mediated communication and the online classroom. Volume one: Overview and perspectives*. Cresskill, NJ: Hampton Press.

Brooks, J.G. & Brooks, M.G. (1993). *In search of understanding: The case of constructivist classrooms*. Alexandria, VA: Association for Supervision and Curriculum Development.

Brunner, C., & Tally, B. (1994). Teaching visual literacy. *Electronic Learning*, 14(3), 16-17.

Bouras, C., Fotakis, D., Vaggelis, K., Kontogiannis, S., Lampsas, P., Spirakis, P., & Tatakis, A. (1997). Using multimedia/hypermedia tools over networks for distance education & training. *Educational Technology Review*, Summer, 1997 (7), 20-26.

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with *Technology*, 25(5) 36-39.

Copan, P. (1995). Connecting classrooms through telecommunications. *Educational Leadership*, 53(2), 44-47.

Craig, D.V. & Stewart, J. (1997). Mission to Mars-A collaborative project infusing technology and telecommunications into the curriculum. *Learning & Leading with Technology*, 25(2), 22-27.

Dyrli, O.E. (1996). Technology planning with online resources. *Technology and Learning*, 16(6), 16.

Ellsworth, J. (1994). *Education on the Internet*. Indianapolis, IN: SAMS Publishing.

Fraase, M. (1993). *The Macintosh Internet guide*. Chapel Hill, NC: Venture Press.

Goldsborough, R. (1998). Teaching healthy skepticism about information on the Internet. *Technology and Learning*, 18(5), 32.

Harris, J. (1995). *Way of the ferret, 2nd ed.* Eugene, OR: ISTE.

Kurshan, B. & Dawson, T. (1992). The global classroom: reaching beyond the walls of the school building. *Technology and Learning*, 12(4), 48-54.

Lowe, D. (1994). *Networking for dummies*. Foster City, CA: IDG Books.

Lynch, M.P. & Walton, S.A. (1998). Talking trash on the Internet: Working real data into your classroom. *Learning & Leading with Technology*, 25(5), 26-31.

McMullen, C. (1995). World Wide Web in the classroom: The quintessential collaboration. *The Computing Teacher*, 23(3), 7-19.

Novelli, J. (1997). Quick-and-easy Web pages. *Electronic Learning*, 16(4), 56-57.

Quesada, A. & Lockwood Summers, S. (1998). Literacy in the cyberage: teaching kids to be media savvy. *Technology and Learning*, 18(5), 30-36.

Roblyer, M.D. (1992). Electronic hands across the ocean: The Florida-England connection. *The Computing Teacher*, 19(5), 56-58.

Shemuel, B. & Keller, J. (1998). Look sharp: Tips for Web design and graphics. *Technology and Learning*, 18(6), 30-34.

Weinstein, P. (1998). Web publishing comes of age. *Technology and Learning* 18(6), 25-29.

Wyatt, A.L. (1995). *Success with Internet*. Danvers, MA: Boyd & Fraser.