



EDTC 5030 –W2

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Topics in Classroom Tech.
**Maximizing Interactive
Learning with Technology**

Fall 2003
On-line

2 credits

Course Description: This course is for those in the educational setting who desire to improve student retention, consequently increasing learning through the use of hands-on activities to compliment curriculum across the board. This class covers the adaptation process of application software, free bundled software, and on-line searching and researching, in both one-computer classrooms and in computer labs.

The course takes into account across the curriculum subject matter, age-appropriate material, limited budget classrooms, and applicable content for adults and children.

Whenever a hands-on activity is called for, this project will be included via student assignments with student's complete instructions for creating and completing the activity

Three project are required, three critiques, and one final written paper on the importance of hands-on interaction vs. lecture only, in teaching / instructing, adults or children.

Three projects are to be at least two pages, double-spaced, critiques are to be one page double-spaced, and final project will be four to six pages, double-spaced. Each project to be a different curriculum content area (math, social studies, vocabulary, reading, geography, science, etc.) and each adaptation must come from a different source – on-line, bundled software, freeware, shareware, i.e.

Learning Outcomes:

- Students will search for age appropriate material, in all classroom topics, while adhering to specific standards
- Students will develop an understanding of how to research for material to compliment bundled software and develop age appropriate hands-on activities or projects
- Students will research for appropriate CD-ROM software trial applications, freeware and shareware downloads to compliment classroom content resulting in hands-on activities
- Students will be able to demonstrate adaptations of hands-on material to compliment curriculum using strengths of the individual and students by integrating the hands-on

activities into existing or new lesson plans resulting in three group projects and one final project

The Missouri Show-Me Standards are addressed within the content of this course. Identification of specific standards are included within course assignments. Integration of Missouri Assessment Program (MAP) standards and grade levels will be integrated into this course when appropriate.

RESOURCES

Text: - No text required

EVALUATION

Projects count as 10 points each = 30 total

Critiques count as 5 points each = 15 total

Participation on the bulletin board = 15 total

Final project = 40 total

Grade Points

Up to 90 points = A- to A

80 points = B- to B+

70 points = C- to C+

Letter Grades:

4.0 = A

3.7 = A-

3.3 = B+

3.0 = B

2.7 = B-

2.3 = C+

2.0 = C

1.7 = C-

This syllabus is subject to change at the discretion of the instructor. Regular class attendance is required.