

COURSE SYLLABUS

EDTC 5030 – W1

Mary G. Beckmann

Topics in Classroom Technologies Summer 2004 2 credits

Maximizing Interactive Learning with Technology On-line

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 complement curriculum across the board. This class covers the adaptation process of application software, free bundled software, and on-line searching and researching, in computer labs and in one-computer classrooms.

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

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.

Projects and critiques are required. Each project should be in a 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 on line activities and projects using the Internet.

□

Students will research for appropriate CD-ROM software trial applications, freeware and shareware downloads to complement classroom content resulting in hands-on activities.

□

Students will 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.

□

Students will recognize when projects and activities on a web site may or may not adhere to copyright rules and regulations.

□

Students will evaluate and assess appropriate web sites that offer activities and examine their content in relation to MoSTEP and ISTE standards.

Schedule of required readings, class preparations and assignments, lectures, discussions, student presentations, out-of-class assignments and exams: All projects and activities will be

completed on the Internet as weekly assignments. Weekly posts will be required as well as 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 - No text required

EVALUATION (see schedule for point values)

Projects

Critiques

Participation on the bulletin board (specific points given for each post)

LETTER GRADES:

93-100 = A

90-92 = A-

86-89 = B+

83-85 = B

80-82 = B-

76-79 = C+

73-75 = C

70-72 = C-

Final projects: Final projects are to be mailed or e-mailed to the instructor two weeks after the last class date. If a student is submitting their project to the instructor via U.S. mail then a self-addressed stamped envelope should be included with the submitted project. **NOTE:** Papers *will not be available* for pick up from the School of Education Office.

Regular attendance and participation is required - this syllabus is subject to change at the discretion of the instructor.