

EDTC 5030 – 03

Mary Beckmann

Topics in Classroom Technologies Fall 2004

2 credits

Using PDAs in Education

Course Description

This class provides a Palm m100 handheld computer for each student to use during class time. We will discuss capabilities and terminology associated with handhelds, and how they can be used in the classroom, in the business world, and in everyday life. We will examine how they are more than time and organizational managers, and how they support teaching and learning in the classroom. With a focus on educational applications, but also including business applications, we will search on the Internet for free and / or low-cost educational, utilities, and game software programs and practice downloading and uploading. We will discuss assessment methods, hot sync, beaming, using probes, copyright issues, curriculum content, and ways and means to obtain handhelds. Various models, the two operating systems, and ways to obtain PDAs for classroom use will also be discussed.

Learning Outcomes

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Students will develop an understanding of and discuss ways to integrate handhelds into the k-12 curricula including math, science, and English so as to generate higher level thinking and learning from their students

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Students will discuss terminology associated with PDAs as well as various models and platforms

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Students will examine miscellaneous peripherals for PDAs and how each fits into the business or educational sector

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Students will discuss various ways to assess and evaluate projects using PDAs in the classroom

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Students will examine methods whereby to obtain PDAs for classroom use

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 and Required Readings

Supplemental Readings: On-line links provided

Textbook: *'Palm Handheld Computers - A Complete Resource for Classroom Teachers'* ISBN 1-5648-4197-9

Evaluation:

Evaluation will be based on mini projects and a final project, discussions, and class participation. Total points for each assignment will be listed in each week's lesson – there will be.

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-

Point Values:

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.