



Class: MED 607 Teaching Mathematics with Technology

Instructor: Dr. Tom M. Giambrone

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Office Hours: M 5:00- -6:00

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Course Web Site : <http://math.buffalostate.edu/~giambrtm/MED607/>

Purpose of the course.

The role of this course is to provide an understanding of the technology in education so you can teach mathematics as a *thinking* curriculum. There will be many different Software and hardware applications in this course.

Materials

You will need:

TI 84 Plus or Silver Edition or an TI 83 Plus (no longer sold if you have one from High School but it must be a plus.) If you do not have one you can borrow one from me.

Strongly Recommended

See

All other Materials will be distributed through my Web Site.

Scope of the Course

The course will cover all of the contemporary technological tools used in middle and secondary education today. Supplemental materials may be given at appropriate times. You will also be expected to work on computer assignment in the mathematics computer lab in the Library or at home.

You will be expected to learn new mathematics and old mathematics in a new way.

Evaluation

Project

This is the big one. It will be something you will choose to improve your teaching and knowledge.

Tests

These will be both traditional and non-traditional. assessments. You will be asked to assume an area of expertise

Assignments

Assignments will be given daily and due the following day unless specified otherwise. Larger assignments such as unit plans or projects will be due as published on the web site. Grade for an assignment will be demoted .5 of a grade for every day that it is late.

Grades

Your grade for the course will be determined as follows:

The assignments - 35%
Projects/Lesson Plans 40%
Tests/Presentations 25%

The grading scale will be as follows:

95-100	A
91-95	A-
87 - 91	B+
83 - 87	B
80 - 83	B-
77 - 80	C+
73 - 77	C
70 - 73	C-
60- 70	D
Below 60	E

Attendance.

Attendance is mandatory. Your final grade will be multiplied by $(N-A)/(N-1)$ where A is the number of classes you do not attend and N is the number of class meetings. Caution missing more than one class really will affect your grade.