

Math 305 – Integrating Technology in teaching mathematics

Spring 2009 Syllabus

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Office hours: I will be available in my office (206F NH) MWF 1:00-1:50 and T 2:00-2:50.

Web Site: My website is <http://langfordmath.com/>. Some information for this class can be found on this website, and other information can be found on the D2L site. I will be posting your scores on D2L. I have found some problems in the past year with the gradebook on D2L. **Please save all of your work from this class until after you have checked your grades to make sure I have scores recorded.**

Course goals: To prepare you to integrate technology in teaching mathematics at the middle and secondary mathematics. In this course you will

- *Use and refine what you know about mathematics* to prepare you to be a better teacher
- *Create lesson materials* appropriate for a variety of middle and high school topics
- *Use computers and calculators* as tools to teach and explore mathematics

Homework: There are two kinds of assignments you will be handing in: practice assignments, and educational materials assignments. Practice assignments will comprise 10% of your final grade. Educational materials will, along with tests, presentations, and a research paper, comprise 90% of your grade.

Tests are not as important in this class as they are in most math classes. The bulk of your points in this class will come from your work in creating student-materials. I plan to give at least one exam at about mid semester. I will be participating with the other block teachers in viewing your lesson videos during the final exam period, so we will probably not have a separate final exam.

Your grade will be based on your weighted average (mean). Letter grades will be at least as high as those determined by:

A: 92-100%	A-: 90-91%	B+: 88-89%	B: 82-87%	B-: 80-81%
C+: 78-79%	C: 72-77%	C-: 70-71%	D+: 68-69%	D: 60-67%

Acting professionally: One of the things you are being evaluated on informally is your professional behavior in the block classes. This won't be a part of your grade in this class, but you will get feedback from your teachers about your behavior, and we will try to follow up promptly on problems that arise.

Students with disabilities UWRF welcomes students with disabilities into the University's educational programs, activities, and environment. Students who need academic adjustments (accommodations) for a disability should contact the Disability Services Office (105 Davee Library; 715-425-3531). Before final decisions can be made to allow academic adjustments, students must provide clinical documentation that sufficiently describes the nature of their situation. For further information, visit <http://www.uwrf.edu/disabilityservices/ADA.html>.