

Math 246 Syllabus

Mathematics for Elementary Teachers I
Section 1; Credits: 4

Fall 2017

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Office hours (getting help): I will be available in my office to answer questions (206E NH; office phone 715-425-4360) MWF 11:00-12:30, TR 12:20-1:00. I am around a lot during the day when I am not in class, and I am (almost) always happy to see you (it is a good idea to make an appointment if you are able to plan ahead).

Schedule: We will meet in NH 205 at 10:00 Mon., Wed. and Fri. and in DL 161 at 10:00 Thurs.

Text: you should have the textbook Mathematics for Elementary Teacher by Bennet and Nelson (6 ed.)

Announcements, schedules, assignments and review sheets are posted on my web site: <http://langfordmath.com/>. I will be posting your scores on D2L. Sometimes there are problems (both human and machine errors). **Please save your graded work until after you have checked your grades in D2L to make sure I have scores recorded correctly.**

Topics :

Sets, Problem Solving and Algebraic reasoning
Whole number concepts and operations
Geometry

Supplies: You will need to have the following supplies at home: *scissors, tape, colored pencils (or similar), and a ruler.* An emphasis of this class is arithmetic, so you will *not* be allowed to use a calculator for most assignments and tests.

Grading: Your grade will be based primarily on your scores on homework, projects, quizzes and tests. Homework and projects will count as 20% of your grade. Tests and quizzes will count as 80% of your grade. Your grade will be based primarily on the weighted average of your scores. Letter grades will be at least as high* as those determined by your weighted average and these percents:

A: 94-100%	A-: 90-93%	B+: 87-89%	B: 84-86%	B-: 80-83%
C+: 77-79%	C: 74-76%	C-: 70-73%	D: 60-69%	

*I will occasionally raise a grade for someone who shows a greater understanding of the content (eg. in class discussions) than is reflected in the test scores, but I never lower a grade below what is indicated by the weighted average).

Homework: There will be frequent homework assignments. It's a good idea to study together, but you should write up your work independently so that the work you submit shows your understanding of the problem.

Quizzes There will be some quizzes between exams. Quizzes are worth about 40 points.

Tests: Tests are generally worth about 80 points, and are given in class. I expect to give 2 in class tests, and a (comprehensive) final exam (about 160 pts). Please talk to me in advance if you have special needs for test taking.

Attendance: I do a lot of things that are not in the book, and the only way to get the information is to be in class. I *expect you to be near perfect in being in class on time every class period.* If you are absent or tardy enough for me to be concerned, I will give you a warning, after which I may file a dispositions concern report with the College of Education.

Late work: Late work will be accepted at my convenience. Late work may earn partial or full credit, depending on when it is turned in (see longer syllabus in D2L for details).

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Teacher Content Standards: Information about teacher content standards covered by this course can be found at: <https://www.uwrf.edu/MATH/WisconsinContentTeacherStandardsMathematicsCourses.cfm>.

An expanded version of this syllabus is available in the Content section of the D2L web site