



mathematics for elementary school teachers

math 164
5 credits
hertz 120

mtwhf - 9:00am
mtwhf - 1:00pm

text:

(2007). billstein, et. al. mathematics for elementary teachers, 10th ed. new york: addison wesley.

description:

there are some links in the left sidebar of this page. take the time to explore what some people in other universities are interested in. there are other possibly useful links back at my [home page](#).

this quarter we will cover most of the following in our text:

- o ch. 2: numeration systems and sets; sections 2.1-2.3
- o ch. 3: whole numbers and their operations; sections 3.1-3.4
- o ch. 4: algebraic thinking; sections 4.1- 4.3
- o ch. 5: integers and number theory; sections 5.1-5.5
- o ch. 6-8: selections
- o ch. 10: statistics: an introduction; sections 10.1-10.5

we will also study several applications which you can find out about by looking at the online [study guide](#).

check out the [fall 2010 class calendar](#).

evaluation:

your grade will be determined by two midterms (30% ea.) and a final examination (40%). the first midterm will take place (and be graded) before the deadline for dropping the class. grades will be assigned on a 90%-80%-70%-60% scale. i do give A-'s, B-'s, and C-'s. occasionally, the lines between A-/B+, etc. are lowered, but **never** raised. in other words, if your average is 90% then you will receive some sort of an 'A.'

i collect selected homework assignments and we will have several unannounced, but straight-forward, quizzes to help you see where you stand regarding the content of the course.

if you have any questions or comments, feel free to come by my office or e-mail me at the address below.

student learner outcomes

the most important things you learn in school are not going to be measurable, sorry. in fact, the absolute best service a list of 'student learner outcomes' could possibly provide is as a random sample of behavioral objectives. that said, at the end of this course, you will have a reasonable facility (as measured by the evaluation procedures described above) in identifying, and working with, a variety of real numbers in a variety of contexts. you will apply some of the basic concepts underlying our number system to real life problems, and you will learn to ask and answer some simple, but important questions when faced with statistical information.

note

students with disabilities who wish to set up academic adjustments in this class should give me a copy of their confirmation of eligibility for academic adjustments from the disability support services office so that we can meet in order to discuss how the approved adjustments will be implemented in this class. students with disabilities without this form should contact the disability support services office, bouillon 205 or dssrecept@cwu.edu or 963-2171 as soon as possible.

fun with H1N1

if you have a severe respiratory or influenza-like illness (ILI) (high fever, aches, chills, cough) **you should not come to class until you are without fever for 24 hours without the aid of fever-reducing medication**. if your absences are related to a severe respiratory or flu-like illness, you will be given the opportunity to make up your assignments and class content without penalty. it is your responsibility to notify your instructor *in advance* when absent due to H1N1. faculty is under no obligation to excuse class absences related to sickness. if you are pregnant, work with your instructor to prevent exposure to H1N1. you should utilize the following precautions to prevent H1N1 exposure:

1) frequent hand washing and carry a bottle of alcohol-based hand sanitizer with you at all times.

2) cough etiquette (grab your shoulder and cough into your elbow).

3) place used tissues immediately in the trash, followed by washing your hands.

4) use CDC-approved disinfectants on shared surfaces such as doorknobs, desks, etc.

scott m. lewis
hertz 225
skype me at:
fax: 963-3226
hours:
m,w,f 12:00 noon
else, by appointment, gleefully accepted

links:

- [pbs teacher source](#)
- [the children's literature web site](#)
- [history of mathematics web resources](#)
- [Strawberry Pop-Tart Blow-Torches](#)

uesks, etc.

5) **Stay home if you have a severe respiratory or flu-like illness.**

If you are concerned you may have H1N1, notify student health. plan for potential absences and assure you have access to the internet and blackboard for assignments. regardless of your H1N1 flu status, you must complete the requirements of the course to receive a passing grade.

no, no, no!

no late assignments, no early tests, no late tests, no make-up tests (including finals ... be there).



| post no bills |

winter 2011.
there's no place like [home](#).



slewis@fulbrightmail.org