

# MA 201: Math For Elementary School Teachers, Section 002

## Spring 2012

### Instructor Information

**Instructor:** Carolyn Troha  
**Office:** Patterson Office Tower 902  
**Phone:** 257-7216  
**Email:** carolyn.troha@uky.edu (preferred contact method)  
**Office Hours:** Monday, 10:30 am-11:30 am,  
Tuesday and Thursday, 9:30 am-10:30 am.  
Other times available by appointment.

### Course Information

**Class Time and Location:** TR, 11:00 am - 12:15 pm, CB 343  
**Course Webpage:** <http://www.ms.uky.edu/~ctroha/ma201.html>  
**Textbook:** Calvin T. Long, Duane W. DeTemple, & Richard S. Millman, *Mathematical Reasoning for Elementary Teachers* by (Fifth Edition). Students are expected to read the sections in the text as they are covered in class. Students should critically read the material both before and after it is covered in lecture.

### Course Description

In this course we will cover Chapters 1-6 of the textbook, though possibly not linearly. The course is designed to clarify and strengthen your understanding of mathematical concepts that are used in the teaching of elementary school students. In particular, we will concentrate on the *why* more than the *how*. Hence, the work to get the final answer will be more important than the answer itself. A tentative schedule has been posted on the course website.

### Homework

There will be periodic homework assignments which will be collected at the beginning of class, the day it is due. No late homework will be accepted for any reason aside from University Excused Absences. In the event of an excused absence, you are expected to turn in your assignment within one week of the excused absence. Assignments will be graded on the basis of completion rather than accuracy. Zeroes will be given for any assignment on which work is not shown or cheating of any kind is evident.

### Quizzes

Every time homework is due, there will be a short quiz based directly on the homework. There may be other random quizzes as well. Quizzes will be graded for accuracy to help provide feedback before the exam. Quizzes missed due to unexcused absences cannot be made up and will be given a grade of 0%. Quizzes missed due to excused absences must be made up within one week of the excused absence. It is the student's responsibility to schedule a time outside of class with the instructor to make up the quiz. Quizzes cannot be made up during class time.

### Presentations

Chapter 5 of the textbook will be taught by you, the students, via group presentations. This material will be on exams and may have homework assignments and quizzes over it as well. Details about the presentations will be distributed about three weeks before the presentations begin.

## Exams

There will be 3 midterm exams and a **comprehensive** final exam. Calculators, notes, and books are strictly forbidden, unless otherwise specified in class. The tentative dates for the midterm exams are as follows.

Exam #1: Thursday, February 9, 2012

Exam #2: Thursday, March 8, 2012

Exam #3: Tuesday, April 9, 2012

The final will be Thursday, May 3, 2012 at 1:00 pm in CB 343. You will not be permitted to take the exam with another section.

## Grading

Homework	5%
Quizzes	10%
Presentations	15%
Exam 1	15%
Exam 2	15%
Exam 3	15%
Final Exam	25%

Your grade will be based on the following percentages:

A	90%-100%
B	80%-89%
C	70%-79%
D	60%-69%
E	0%-59%

## Policies

*Calculators* Due to the nature of this course, students will not be permitted to use a calculator unless otherwise specified by the instructor. Therefore, using a calculator (except on the rare occasions when the instructor deems it appropriate) will be considered cheating.

*Attendance* Attendance is highly recommended, but will not count as part of the course grade. If you are not in attendance and miss a quiz, exam or homework deadline, you will **not** be allowed to make up the work **without an excuse absence** (This applies to being late or leaving early as well). Absences will be excused based on university policy (SR 5.2.4.2), which states that acceptable excuses are serious illness, illness or death of a family member, university related trips, major religious holidays or other circumstances the instructor finds to be "reasonable cause for nonattendance." All excuses **must be emailed** to the instructor **within a week** and some form of documentation must be provided at the next class period.

*Cheating* Students are encouraged to work together on the course material and in class work may be group work. However, all graded assignments must be turned in by each individual and should be written up separately. That means that even if you work with someone else your answers should be clearly distinguishable. While you may work together outside of class, exams and quizzes must be done alone. Copying someone else's solution (on a homework, a quiz or an exam) is considered cheating; allowing someone to copy your solution is also considered cheating. No materials should be visible during exams. The instructor reserves the right to inspect *anything* visible during exams (e.g., water bottles, visors or hats). Any kind of communication with other students during an exam will be considered cheating and prosecuted according to university regulations.

**Expectations** I expect that everyone will maintain a classroom conducive to learning. I like an informal atmosphere, but it must be orderly. Thus, everyone is expected to behave with basic politeness, civility, and respect for others. Classes are cell phone-free and laptop-free zone! Cell phones must be silenced (vibrate is not silence) or off and out of sight for the entire class period. Since attendance is not required, the instructor has the right to ask you to leave for using cell phones or laptops during class. The same applies to reading newspapers or other activities unrelated to the course.

### **Help and Conflicts**

Occasionally, you may need extra help. Feel free to visit me during my office hours or contact me for an appointment. In case you disagree with one of my decisions and feel that outside intervention is necessary to resolve the conflict, the first person to contact is the course coordinator, Dr. David Royster (POT 759, Email: david.royster@uky.edu).

### **Disabilities**

Students with documented physical, learning, or temporary disabilities may receive assistance and support from the Disability Resource Center. See documentation guidelines for more information at <http://www.uky.edu/StudentAffairs/DisabilityResourceCenter/>. Students should provide the instructor with a copy of their accommodation letter as soon as possible. Letters must be received at least one week prior to the requested accommodation.

### **Important Dates**

Please mark the following on your calendar.

Last day to add a course: **Wednesday, January 18, 2012**

Last day to drop a course: **Wednesday, February 1, 2012**

Exam #1: **Thursday, February 9, 2012**

Exam #2: **Thursday, March 8, 2012**

Academic Holiday: **Monday, March 12, 2012- Friday, March 16, 2012**

Presentations: **Tuesday, March 27, 2011 - Thursday, April 5, 2011**

Last day to Withdraw from a course: **Friday, April 6, 2012**

Exam #3: **Tuesday, April 9, 2012**

Final Exam: **Thursday, May 3, 2012, 1pm-3pm**

### **Changes**

I reserve the right to change or amend this syllabus at any time for any reason. In this event, proper notice will be given in class.

