

Course Syllabus

Instructor: Tricia Muldoon
Office hours: TR: 2:00 pm – 3:30 pm
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Course: MA 202 – Sec 003:
Mathematics for Elementary Teachers

Meeting Times: TR 11:00 - 12:15

Semester: Spring 2007

Classroom: CB 345

Textbook: Mathematical Reasoning for Elementary Teachers, fourth edition, Long and DeTemple

Credits: 3

Website: www.ms.uky.edu/~pmuldoon/MA202

I will post homework assignments and other important dates or information.

Course Description: This course is designed to deepen the content understanding of mathematics that is needed for teaching elementary or middle school mathematics and to do so in such a way that emphasizes the national and Kentucky standards and principles for school mathematics. Expect to interact in groups frequently throughout the semester. Examples coming from actual K-6 student work will be included.

Prerequisites: C or better in MA 201.

Participation: I do not monitor attendance. However, your grade will ultimately be dependent upon participation. Participation includes showing up and getting involved in class, doing the homework assignments, improvement throughout the semester, etc. I strongly encourage you to get involved.

Homework (10%): Homework assignments will be a vital part of this course. There will be 10 total homework assignments given throughout the semester, each worth 1% of your total grade. I reserve the right to grade only part of the assignments. I encourage working with others, but you are responsible for writing up the assignment in your **own words**. Additionally, I expect relevant work to be shown and completeness in answers. NO late homework will be accepted unless you have a university excused absence. It is your responsibility to turn in the homework on time.

Dates

HW 1 January 18

HW 2 January 25

HW 3 February 1
HW 4 February 15
HW 5 February 22
HW 6 March 1
HW 7 March 22
HW 8 March 29
HW 9 April 5
HW10 April 26

Exams (75%): There will be three exams throughout the semester and one final exam, thus making a total of 4 exams. Exams 1-3 will not be completely comprehensive, whereas the final WILL be comprehensive. If a conflict arises and you cannot take an exam, please contact me **BEFORE** the exam. I am always available via my contact information above, so I see no reason as to why you cannot contact me. All exams will be in-class exams. Make-ups will not be given unless you have a university excused absence.

Dates

Exam 1 February 6
Exam 2 March 6
Exam 3 April 5 or April 10
Final Exam TBA

Project (15%) : Part of this class involves giving a student presentation to the class. A detailed description of the project will be given before the due date of the project. At this point, I will iterate that you will be working in groups and presenting as groups; attendance during the group presentations will be mandatory, out of respect for the presenters. More information will be conveyed to you later.

Grading: Your grade is calculated as follows:

Exam 1:	15 %
Exam 2:	15 %
Exam 3:	15%
Final Exam:	30 %
Presentation:	15%
Homework (10 @ 1%):	10 %
Final Grade	100 %

Final Thoughts: I am here to help you learn and appreciate math. As such, I am available to you by e-mail, office, or we can set up an individual appointment. I encourage group work, but the individual ideas must be understood by all. If at any time you have a question, please feel free to talk to me. Please do not wait until the end of the semester to confront me about grading problems, homework issues, etc. Have fun and good luck!