Course Syllabus

Instructor:	Matt Wells
Office hours:	T & TH: 1:30 pm – 2:30 pm or by Appt.
Office:	902 Patterson Office Tower
E-mail address:	mwells@ms.uky.edu

Office phone number: 257-7216

Course: Ma 201 (Sections 002 and 003) :
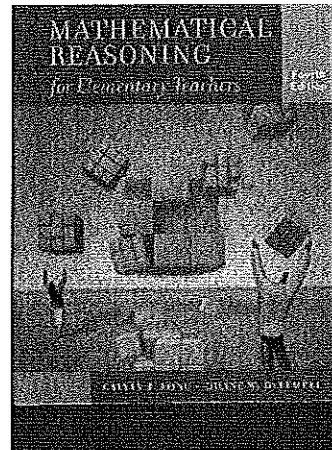Mathematics for Elementary Teachers

Semester: Fall 2007

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

Meeting Times: Both sections meet T-TH at the
following times:
Section 002 9:30 – 10:45
Section 003 11:00 – 12:15

Classroom: CB 343

Credits: 3

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: MA 109 or equivalent.

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. If you are to miss a class, it is YOUR responsibility to make sure any assignments get to me before the end of the class period in which the assignment is due.

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. Once the due date has passed, homework assignments will get a deduction dependent upon the lateness of the assignment. It is your responsibility to turn in the homework on time.

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. The use of calculators will be allowed per the discretion of the instructor on the first 2 exams, but for exams 3 and 4 calculators will be prohibited. 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. The dates of the exams are given in the topics overview. All exams will be in-class exams. Make-ups will not be given unless you have a university excused absence and have made contact with me before the exam.

Project (15%) : Part of this class involves giving a student presentation to the class. A detailed description of the project will be given at least three weeks 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. The objective of the presentations will be to convey mathematical ideas to a group of your peers and to demonstrate that you understand the content involved. More information will be conveyed to you later.

Below is a tentative day by day schedule of what we are going to cover. Please note that we may deviate from this at any point; this schedule is not set in stone.

Day by Day topics:

August 23: Section 2.1 and 2.2

August 28: Section 2.2 and 2.3
August 30: **H-work 1**, Section 2.4

September 4: Section 3.1
September 6: **H-work 2**, Section 3.2

September 11: Section 3.3 , Last day to drop without a "W"
September 13: **H-work 3**, Section 3.4

September 18: Section 3.5
September 20: **Exam 1**

September 25: Section 1.2
September 27: **H-work 4**, Section 1.3

October 2: Section 1.3 and 1.4
October 4: **H-work 5**, Section 1.5

October 9: Section 4.1
October 11: **H-work 6**, Section 4.2

October 16: Section 4.3
October 18: **Exam 2**, Last day to drop with a "W"

October 23: Section 6.1
October 25: **Presentations**

October 30: **Presentations**
November 1: **Presentations**

November 6: Section 6.1
November 8: **H-work 7**, Section 6.1

November 13: Section 6.2
November 15: **H-work 8**, Section 6.3

November 20: **Exam 3**
November 22: *Thanks-giving*

November 27: Section 7.1
November 29: **H-work 9**, Section 7.2

December 4: Section 7.3
December 6: **H-work 10**, Section 7.4

Exam week: **Final Exam**

Section 002: December 11 (Tuesday)
 at 10:30 a.m.
Section 003: December 13 (Thursday)
 at 10:30 a.m.

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 groupwork, 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! Good game!