

Mathematics 201 Sec: 004
Mathematics for Elementary Teachers
Fall 2008

Syllabus

Instructor: Eric Kahn

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Text: Mathematical Reasoning, 5th, edition by: Long, DeTemple, & Millman

Meeting Times: TR 12:30-1:45, CB343

Office Hours: TWR 3:00-3:50 or by appointment

Course Content: MA 201 is designed to clarify the conceptual content of mathematics needed for an elementary school teacher as dictated by the national and Kentucky standards and principles for school mathematics. We will concentrate on the ‘why’ more than the ‘how’ and develop connections between concepts and real examples. Many of these examples will come from actual K-6 students. Group work is encouraged throughout the course (exams excluded).

Reading Text: 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. We will cover chapters of the text in the following order: 2,3,1,4,5,6,7.

Attendance: The only way to learn mathematics is practice. I highly encourage you to become actively involved in your class through the group work, class participation, homework, etc.

Homework: Homework will be assigned on Tuesdays and collected the following Tuesday. All assignments will be out of a total of 10 points with 4 points earned for completing every problem and the remaining 6 points earned for correctness on selected problems. These problems that are selected to be graded will remain unknown to the class until I hand the assignment back. Late homework will not be accepted for a grade. I encourage you to work in groups but be sure to write up your own solutions to each problem. Do not copy what someone else has written down. This constitutes cheating and any student caught doing so will receive a zero on the specific homework.

Quizzes: There will be weekly reading quizzes on Thursdays. Quizzes will be one or two questions to determine how much of the reading you are absorbing. Make up quizzes will not be administered without a university excuse.

Presentations: Chapter 5 will be taught via group presentations. Grades will be assigned based on the presentations on both a group and individual performance and on a peer

mentoring assessment. A detailed description will be distributed approximately three weeks prior to the date of the first presentation. Attendance is REQUIRED.

Exams: All exams will be closed book and closed notebook. Calculators will be allowed on exams one and two only. Makeup exams will only be administered in the presence of a university excused absence. If you know you are going to miss an exam for a university excused absence, you must let me know a week in advance to schedule a makeup exam. The final exam will be comprehensive and must be taken at the designated time by the university. Cheating on any exam will result in an automatic zero on the exam.

Grading: Here are the dates of the exams and presentation, and the percentage of your final grade each component is worth.

- Homeworks: Tuesdays-10%
- Quizzes: Thursdays-5%
- Presentations: 28, 30 October, 6 November-15%
- Exam 1: 23 September-15%
- Exam 2: 21 October-15%
- Exam 3: 25 November-15%
- Final Exam: 16 December 2008 @ 10:30am-25%

Advice: You should remember that I am here not only as your instructor but also as your tutor. If you have questions about the material, the text, a lecture, grading, etc., I am available during office hours, email, or scheduled appointments. Please address questions and concerns to me as early as possible.