Instructor: John Mosley
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Office: The Mathhouse

Office Hours:
Tuesday and Thursday: 12:15pm - 1:15pm
Friday: 10:00am - 11:00am
By appointment as necessary.

Meeting Times:
Section 001 - Tuesday and Thursday 8:00am - 9:15am CB 343
Section 003 - Tuesday and Thursday 11:00am - 12:15pm CB 343

Text: Mathematical Reasoning for Elementary Teachers, Sixth Edition, Calvin T. Long, Duane W. DeTemple, & Richard S. Millman. 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 Information: 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.

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, 27 September 2012
Exam #2: Tuesday, 30 October 2012
Exam #3: Tuesday, 20 November 2012

The final will be Wednesday, 12 December 2012 at 8:00am (section 001) or Tuesday, 11 December 2012 at 10:30am (section 003) in CB 343. You will not be permitted to take the exam with another section.

Homework: There will be periodic homework assignments which will be collected at the beginning of class. No late homework will be accepted for any reason aside from University Excused Absences as described in SR 5.2.4.2. In the event of an excused absence, you are expected to turn in your assignment within one week of the excused absence. These assignments are given to assist you in your preparations for the course exams and your future career as a teacher. Therefore, it is to your benefit to complete them. They will be graded both on the basis of completion and of 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 also be other quizzes throughout the semester. These quizzes will be graded for accuracy and provide you with feedback necessary for the successful completion of exams. Quizzes missed due to unexcused absences cannot be made up. A grade of 0% will be issued for such quizzes. 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.
Grading:
(1) Homework: 5%
(2) Quizzes: 10%
(3) Presentations: 15%
(4) Midterm Exams: 45% (15% each)
(5) Final Exam: 25%

The grading scale for final grades will be as follows:
A: 90% - 100%
B: 80% - 89%
C: 70% - 79%
D: 60% - 69%
E: Below 60%

Attendance: Attendance is mandatory. The official list of excused absences is short. It includes illness, death of a family member, and any trips organized by the university. Excused absences must be reported as soon as possible. To report an absence, email me at the email address provided above. This is the only accepted way to report an absence and you are expected to furnish proof demonstrating the cause compelling you to miss class at the next class meeting for which you are present. In short, be here.

Classroom Policies: Cell phones and laptops must be turned off during class. Behavior disruptive to other students is not permitted. In addition it is expected that each student maintain common courtesy and civility.

Academic Integrity: Students are encouraged to work together on the course material. Part of the work in class may be group work. It is, however, expected that you work on all quizzes and exams alone. While you may work together on the homework, every member of the class must turn in his or her own solutions which represent the work that the individual has put into the assignment. Copying someone else's solution or allowing someone to copy your solution is cheating. Don’t do it! No materials should be visible during exams. I reserve the right to inspect anything visible during exams (e.g., water bottles, ink pens, napkins, etc.). Any kind of communication with other students during an exam will be considered cheating and prosecuted according to university regulations.

Additional Resources: Occasionally, you may need extra help. Feel free to visit me during my office hours or contact me for an appointment. You may also be able to receive help in The Study in Complex Commons. 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).

Accommodations Due to Disability: If you have a documented disability that requires academic accommodations, please see me as soon as possible during scheduled office hours or after class. In order to receive accommodations in this course, you must provide the instructor with a Letter of Accommodation from the Disability Resource Center (room 2, Alumni Gym, 859-257-2754, jkarnes@3mail.uky.edu) for coordination of campus disability services available to students with disabilities.

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.