

MATH 246—MATH FOR ELEMENTARY TEACHERS I SYLLABUS, FALL 2005

Instructor: Patricia Treloar
Email: ptreloar@olemiss.edu

Office: 201 Vardaman
Office Hours: TTh 9:30-11:00 or appointment

TEXT: *Mathematical Reasoning for Elementary School Teachers*, Third Edition by, Calvin Long and Duane DeTemple

SUPPLIES: Graphing calculator, ruler, scissors, graph paper, compass, protractor, colored pencils.

PURPOSE: This course is designed to prepare students to meet the challenge of teaching mathematics in elementary school. This is not a methods course. The primary focus of the course is mathematics content; however, material is presented in a way that suggests effective approaches to teaching children.

TESTS: There will be 4 major tests during the semester. Each test will count 100 points. The test questions will be similar in format to the examples in the book, examples presented in class, and the homework and practice problems assigned. In addition, there will be 7 quiz/homework assignments to hand in with a grade value of 10 points each. The best 5 of the 7 assignments will be used to calculate a homework grade. A grade (maximum 50 points) will also be given for class participation. The final exam will count 200 points and will cover all material covered during the semester. For every absence after the fourth absence, 10 points will be deducted from the total points earned.

FINAL COURSE GRADE:

<u>Total points</u>	<u>Percentage</u>	<u>Letter grade</u>
630-700	90-100	A
560-629	80-89.9	B
490-559	70-79.9	C
420-489	60-69.9	D
below 420	below 60	F

IMPORTANT NOTES:

1. Students enrolling in MATH 245 or MATH 246 must have successfully completed at least one other college-level mathematics course before enrolling. MATH 245 is a prerequisite for MATH 246. Students whose college-level math courses were completed at another college or university may be asked to provide proof of completion.
2. This course is designed for students whose major is either Elementary Education or Special Education; it cannot be used to complete core mathematics requirements for students in Liberal Arts.
3. Students who must miss a test for an official University function must provide written documentation in advance and take the test BEFORE the scheduled test date.
4. In-class quizzes will be given during the first 10 minutes of class. The final exam percentage cannot be used to replace the homework/quiz grade.
5. The participation grade will be based on attendance and participation in class activities. Refusing to participate in class activities will be considered an absence; 10 points will be deducted from your total points for every absence after the fourth absence. Students are expected to arrive on time for class and to stay until the class is dismissed. Every late arrival or early departure after the third will be counted as an absence. Absences will not be classified as “excused” and “unexcused”.
6. Please turn off your cell phone before class begins. If your cell phone rings during class (or during a test) you will be counted absent.
7. Every student must take the final exam at the time scheduled—*no exceptions!!*

8. The Department of Mathematics strictly enforces the cheating policy stated in the M Book. The penalty for cheating is failure in the course and possible dismissal or suspension from the University.

9. The last day to withdraw from a course without receiving a grade is **Monday, October 3**. Students who are allowed to withdraw after that date will receive a W if passing at the time of withdrawal and an F otherwise. Please talk to your instructor and/or your advisor before withdrawing from a course after the withdrawal deadline.

Test dates and suggested practice problems: (The problems with blue numbers or letters are answered in the back of the book.)

For Test 1 on Thursday, September 8

- 10.1 1,5,6,7,27;
- 10.2 3,5,6,7,8,9,10,13,14,16,17,19,23,29;
- 10.3 1,3,4,5,7,9,11,13,15,17,21.

For Test 2 on Thursday, September 29

- 11.1 1,2,4,5,12,13,15,16,17,18,30;
- 11.2 1,2,7,9,10,14,15,16,17,36;
- 11.3 1,2,3,6,13,14,17;
- 11.4 1,3,4,7,12.

For Test 3 on Thursday, October 27

- 12.1 1,4,6,9,10,11,12,13,26,27,29;
- 12.2 3,4,5,6,7,8,9,10,11,14,16,24,35,38,39,42;
- 12.3 1,2,3,4,5,6,8,11,13,28,31;
- 12.4 1,2,3,4,5,9,10,12,28,30.

For Test 4 on Thursday, November 17

- 14.1 2,3,5,7,17,23;
- 14.2 4,6,7,13,15,25,27;
- 14.3 1,2,3,4,6,12,23,24,26,28.
- 13.1 1-18
- 13.2 1-30

For Final Exam (in addition to all other sections covered):
TBA

Final Exam: Tuesday, December 6 at 7:30 PM