

MATH 1480-002 Fall 2015
MWF 09:10 - 10:05 AM, 107 Dunn Hall

Instructor Information:

Stephen Smith
Office: 240 Dunn Hall
Office Hours: By appointment
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Required Texts: *Elementary Mathematics for Teachers*, by Parker and Baldrige.

Primary Mathematics textbooks (U.S. Edition) - Primary Mathematics 3A, 4A, 5A, 6A, and Workbook 5A.

Course Description: This course is a *mathematics* course focusing on elementary school mathematics. The main goal is to acquire solid knowledge of the material to be able to present it to elementary school students. This involves more than knowledge of the material. A mathematics teacher must be able to **(i)** present the material in the simplest and clearest way, **(ii)** order the presentation of the material in an appropriate sequence to develop mathematical skills, **(iii)** know the types of difficulties that students will encounter and the errors they are likely to make, and **(iv)** how each topic helps advance the mathematical level of the students.

Course Prerequisites: MATH 1100, 1420, or 1710

Extra Help: If you need help in the course, do not hesitate to ask me. I will gladly meet with you at convenient times for the both of us. Also, I encourage you to discuss the material with your peers and to ask other professors and instructors for help. The department also offers a free, walk-in, tutoring service in Dunn Hall 143. Please use this service as much as much as possible.

Grading Policy: There will be **three** 100 point exams given during the semester and a final exam. Missed exams will result in a 0 for the exam unless extreme circumstances warrant a make-up exam. The three exams during the semester will each count for 15% of your grade. The final exam will count for 30% and Homework will count for 25%.

Testing Policy: No calculators will be allowed. A successful elementary school teacher should be comfortable solving problems mentally and on paper. The goal of this course is to facilitate that ability. **Grading Scale:**

Grade	Score	Grade	Score	Grade	Score
A	93.0-100	A-	90.0-92.9		
B+	87.0-89.9	B	83.0-86.9	B-	80.0-82.9
C+	77.0-79.9	C	73.0-76.9	C-	70.0-72.9
D+	67.0-69.9	D	60.0-66.9	F	<60.0

Communication: Email will be the preferred method of communication. I will send class announcements to your University of Memphis email account.