

CLASS SYLLABUS Fall 2008

- Course:** Math 215 Principles of Mathematics
Section 3329 MW 4:20-6:50pm, Room: BUNG-1
- Instructor:** Armond Bakijanjan
Office Hours: MW 3:30-4:20pm; TTh 2:20-4:20pm
Office: BUNG-D
Email: bakijaa@lamission.edu
- Text:** Billstein, Libeskind, & Lott: *A Problem Solving Approach to Mathematics for Elementary School Teachers*, **Ninth Edition**
- Calculator:** Scientific Calculators are required. Graphing Calculator will not be allowed during examination.
- Prerequisite:** Math 121 and 125, or Math 120 and 125, or appropriate skill level demonstrated through the MATH assessment process.
- Important Dates;** September 26 Last day to drop without a "W"
November 21 Last day to drop with a "W"
- Course Description:** Primarily for students who plan to teach arithmetic in elementary schools. Course includes the language of sets; systems of numeration; nature of numbers and fundamental operations; number theory; functions and the field of real numbers.

Learning Outcomes

- 1) Define sets using different methods and evaluate set operations.
- 2) Demonstrate more than one algorithm for Arithmetical Operations.
- 3) Create functions based on patterns.
- 4) Solve and demonstrate basic concepts of Number Theory such as prime numbers, divisibility, GCF's and LCM's.
- 5) Express Rational numbers, percents and decimals as fractions.
- 6) Convert numbers into different numeration systems. For example, Mayan, Roman, Babylonian, and Egyptian.

Homework

Homework will be assigned collected and a subset will be graded. These are due at the beginning of class on the day specified. No late homework will be accepted. Since the exams will closely resemble homework exercises, **success in this course strongly depends on diligently completing all assignments in a timely fashion**

Exams

There will be four classroom tests. The lowest score will be dropped. There will be **no make-up** examinations. Any missed exam will receive a grade of 0. The final exam is accumulative and is not optional but required. Everyone must take the final exam to pass. **No exceptions!**

Grading:

Homework	10%
Tests (3)	60%
Final	30%

Grading Scale:

Letter grades will be determined by your overall percentage in the course:

- A = 88%-100%
- B = 78%-87%
- C = 65%-77%
- D = 55%-64%
- F = 0%-54%

Attendance:

Students are expected to attend all class meetings. Unexcused absences may result in excluding students from class. Students themselves are responsible for dropping a class they no longer attend; failure to do so may result in a grade of F.

Class comportment:

All students are expected to arrive on time. Late arrivals are disruptive to both the lecturer and students. Students must turn off cell phones while in class. Students are encouraged to ask questions and make comments on the lecture material. This should be done in a courteous manner by raising one's hand and being recognized. Side conversations between students that disrupt the flow of the lecture will not be tolerated. It is the student's responsibility to manage his or her academic workload. Should a student decide to stop attending class it is their responsibility to drop the class. All students appearing on the grade roster will receive a grade regardless of whether they are attending classes or not. Any cheating which includes any unauthorized cooperation on any graded assignment will be dealt with as severely as the College policy allows.