CLASS SYLLABUS Fall 2008

Course: Math 260         Precalculus
Section 0175     MW 8-10:30am, Room: CSB-201

Instructor: Armond Bakijanian
Office Hours: MW 3:30-4:20pm; TTh 2:20-4:20pm
Office: BUNG-D
Email: bakijaa@lamission.edu


Calculator: Scientific Calculators are required. Graphing Calculator will not be allowed during examination.

Prerequisite: Prerequisites: Math 240 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: This course consists of topics essential for a comprehensive background for the calculus sequence. Topics include functional analysis, analytic geometry, theory of equations, induction, sequences and series, trigonometry and polar coordinates.

Learning Outcomes

1) Graph polynomials and rational functions.
2) Find the zeros of higher degree polynomials.
3) Solve application problems involving exponential and logarithmic functions.
4) Prove trigonometric identities.
5) Solve triangles using the laws of the sine and cosine.
6) Construct polar equations for rectangular system equations.
7) Find the trigonometric form of complex numbers.
8) Evaluate inverse trigonometric functions.
9) Apply matrices to the solving of linear systems.
10) Calculate sums and terms of sequences and series.
11) Graph conic sections from rectangular and polar equations.
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 five 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:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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</thead>
<tbody>
<tr>
<td>Homework</td>
<td>10%</td>
</tr>
<tr>
<td>Tests (4)</td>
<td>60%</td>
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<tr>
<td>Final</td>
<td>30%</td>
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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.