Books & Supplies

Bring pencil and paper to class every day. Graphing paper and colored pens or pencils will be helpful.

A scientific calculator is sufficient for this course. If you already own a graphing calculator, you may use this. If you need to purchase a scientific calculator, the Casio fx300W and the TI-30 are inexpensive options.
Do not rely on your calculator for the practice exercises. Calculator is not allowing on tests, and exam.

Attendance
Daily attendance is expected. Many students find math difficult. It will become more difficult when you do not understand what I am talking about because you missed the previous lecture.

Missing 3 or more classes may cause you to be dropped; however, it is your responsibility to officially drop the course. Should class be cancelled due to a power outage or other reason, please read the material scheduled for that session.

Dates:
Course start 10/13/08, end 12/20/08
Nov. 3 – Drop Without W
Nov. 10 – Veterans day (College Closed)
Nov. 21 – Drop With W
Nov 27-30 Thanksgiving (College Closed), Final Exam, December 18 Thursday (8:10-10:40AM)
Quizzes, and Attendance 5%

- **No make-up quizzes, HW** will be provided. Missed quizzes will be scored as zero. You will not turn in homework for sections that you are quizzed on.
- Plan on studying and/or completing homework a minimum of ten hours outside of class each week.

**Exams 75%**

- Exams will be returned within one week.
- **No make-up exams** will be allowed and missed exams will be scored as zero. (See final exam info below.)
- If you are going to be absent on the day an exam is scheduled, discuss arrangements with me for taking the exam before the absence.
- Keep your eyes on your own papers. Do not talk during an exam. It is best not to sit near someone you studied with.

**Final Exam 20%**

- Throughout the semester review your returned exams to prepare for the final. The final will cover the entire semester!
- Final Exam, December 18 Thursday (8:10-10:40AM)

**Study Tips**

- ✓ Start homework as soon as possible. Rewrite the problem being asked. Place a star (*) next to problems you need help with.
- ✓ Read the book.
- ✓ Study every night for 1 – 2 hours in a quiet room at home or in the library.
- ✓ Review problems that were the most difficult and practice weak areas. (includes returned exams)
- ✓ Create flash cards.

**Sample grade calculation:**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Weight</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>HW &amp; Quizzes</td>
<td>x 0.05</td>
<td></td>
</tr>
<tr>
<td>Exam 1</td>
<td>x 0.15</td>
<td></td>
</tr>
<tr>
<td>Exam 2</td>
<td>x 0.15</td>
<td></td>
</tr>
<tr>
<td>Exam 3</td>
<td>x 0.15</td>
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<tr>
<td>Exam 4</td>
<td>x 0.15</td>
<td></td>
</tr>
<tr>
<td>Exam 5</td>
<td>x 0.15</td>
<td></td>
</tr>
<tr>
<td>Final</td>
<td>x 0.20</td>
<td></td>
</tr>
</tbody>
</table>

Grand total (Overall grade percentage in class):

4. Describe and analyze mathematically the spatial features of objects.

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

- A = 90 - 100
- B = 80 – 89.9
- C = 70 – 79.9
- D = 60 – 69.9
- F = 0 – 59.9

The instructor reserves the right to make adjustments to the syllabus, lecture schedule, and assignments.

Learning Outcomes

1. Find the prime factorization of a given number.
2. Evaluate expressions using order of operations.
3. Simplify expressions with exponents.
4. Solve equations with whole numbers and integers.
5. Combine like terms.
6. Analyze word problems, translate into linear equations and solve.
7. Evaluate expressions with fractions and mixed numbers, including complex fractions and order of operations.
8. Evaluate expressions with decimals and square roots.
9. Analyze and graph linear equations.
10. Convert numbers to percents and evaluate applications such as discounts, interest, commissions, etc.
11. Solve ratios and proportions, translate and solve word problems.
12. Calculate perimeters and areas of polygons.
13. Distinguish between complementary and supplementary angles as well as acute, right, Obtuse and straight angles.

Learning Disabilities: L.A. Mission College, in compliance with state and federal laws and regulations, does not discriminate on the basis of disability. If you are a student with a documented disability, please call 818-364-7732, Director of Learning Assistance Programs, to make arrangements for classroom accommodations. His office is located in room 1018 Instructional Building. Additional disability related information and policies can be found in the Student Handbook.

Student Learning Outcome (SLO):

1. Utilize the real numbers and arithmetical operations efficiently and adaptively.
2. Use algebraic symbols and variable to express stated relationships between different qualities.
3. Write and solve simple linear algebraic equations and application problems.