**Course Objectives:**

1. To develop proficiency in calculus by:
   a. understanding and evaluating limit of functions
   b. understanding and using derivatives of algebraic and transcendental functions
   c. understanding and evaluating definite and indefinite integrals, including the method of substitution
   d. graphing, in details, functions using calculus methods
   e. solving application problems using rules of differentiation and integration
   f. solving basic differentials equations, including separable and first-order linear equations

2. To develop problem solving skills

**Grading Policy:** A letter grade will be assigned based on the standard percentage scale:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>90-100</td>
</tr>
<tr>
<td>B</td>
<td>80-89.9</td>
</tr>
<tr>
<td>C</td>
<td>70-79.9</td>
</tr>
<tr>
<td>D</td>
<td>60-69.9</td>
</tr>
<tr>
<td>F</td>
<td>below 60</td>
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<tr>
<td>FP</td>
<td>failure due to non-attendance</td>
</tr>
</tbody>
</table>

The numerical grade comes from the following sources:

- **Unit Exams:** There will be four unit exams each worth 100 points (total: 400 points)
- **Homework:** All homework scores (except the Review sections) will count towards your Homework grade and be scaled out of 50 points.
- **Quizzes:** Periodical quizzes will be graded and scaled to 100 points.
- **Final Exam:** The final exam is worth 200 points and will be comprehensive.

**Homework Policy:** You are expected to work all homework problems assigned on myMathLab. Since this class is a four credit class, this may require you to work up to eight hours each week on homework and general overview of topics covered (spread this time out throughout the week). This is considered the norm for a college level course. It is recommended that you write up your homework in a notebook for reference later (even though the HW is on myMathLab), as you prepare for the exams and the Final. Quizzes will be assigned and will be given using myMathLab. There might be quizzes given during class time.

**Participation Policy:** Participation is expected and lack of participation will invariably prove detrimental to your grade and your learning experience. Regardless of the reason for not being able to access myMathLab, you will be responsible for any missed assignments, material and announcements. Do NOT wait until the last minute to complete assignments/quizzes.

**Exam Policy:** All exams will be taken in the Testing Center in the Student Center. You will need to schedule the time to take the exam with the Student Center directly. Notes will not be allowed on exams. Testing Center Calculators are the only ones permitted during exams. The use of cell phones and other technologies during testing time is prohibited. Once the exam has started, no student may leave the classroom for any reason, unless the student turns in the exam or quiz for grading.

**Makeup Policy:** There will be no make ups on exams or daily work. I may drop a few of the quizzes, depending on the number given. I will replace your lowest exam score (or missed exam) with your final exam percent score. Given the amount of time allowed to complete assignments and the amount of time to schedule and take your exams in the Testing Center, there is no reason to miss any exam or not complete any homework assignment.

**Methods of Instruction:** Instruction will take place through lectures, readings and completion of assigned problems.

**Other Resources:** Free tutoring is available at the Math Center, located in SC 344A. Also, make use of online resources, such as YouTube videos and many websites (some listed on my website home page).