Goal: To develop a firm foundation of the methods and applications of integral calculus.

Skills:
1. Given a function, find its anti-derivative, if possible.
2. Evaluate a definite integral using appropriate techniques.
3. Find volumes and work using integrals.
4. Solve elementary differential equations.
5. Determine the convergence of sequences and series.
6. Differentiate and integrate parametric curves and use polar coordinates.


Instructor: Dr. Lisa Bloomer Green KOM 201B 898-5775
lbgreen@mtsu.edu http://www.mtsu.edu/~lbgreen

Office Hours: MTWF 12:30-1:30, Th 2:00-3:00 and by appointment.

Grading:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Online Homework/Quizzes</td>
<td>As assigned</td>
</tr>
<tr>
<td>Test 1</td>
<td>September 16</td>
</tr>
<tr>
<td>Test 2</td>
<td>October 7</td>
</tr>
<tr>
<td>Test 3</td>
<td>October 28</td>
</tr>
<tr>
<td>Test 4</td>
<td>November 18</td>
</tr>
<tr>
<td>Final Exam</td>
<td>December 15</td>
</tr>
</tbody>
</table>

Grading Scale: A [90, 100]; B [80, 90); C [70, 80); D [60, 70); F [0, 60)

General Info:
1. The final exam is on the date indicated above. The only reason for taking the final exam on a different date is if you have more than two finals on the same date.
2. Cell phones must be turned off during exams. Setting it to vibrate is not the same as turning it off.
3. If you must miss class, it is your responsibility to find out what you missed and to learn the missed information.
4. If you miss a test for any reason, the final exam grade will count to replace the missed grade.
5. You are responsible for keeping track of the due dates for online assignments.
6. I do not send grades through email for privacy reasons. If you would like to
check your grade, please stop by my office during office hours.
7. If you send email to me, whether to ask a question or set up an appointment, please remember to include your name and use correct spelling and grammar.
8. The last day to drop without a grade is September 10.
9. The last day to drop with a “W” is October 15. No grade of “W” will be assigned after the official drop date except in situations involving extreme extenuating circumstances beyond the student’s control. In particular, a “W” will not be granted merely because the student is failing. Students should be aware that missing the official drop date and thereby receiving an “F” can have ramifications on financial aid.
10. A grade of “I” will be given only in accordance with university policy.
11. If you have a disability that may require assistance or accommodation, or you have questions related to any accommodations for testing, note takers, readers, etc., please speak with me as soon as possible. Students may also contact the Office of Disabled Students Services (898-2783) with questions about such services.
12. Do you have a lottery scholarship? To retain Tennessee Education Lottery Scholarship eligibility, you must earn a cumulative TELS GPA of 2.75 after 24 and 48 attempted hours and a cumulative TELS GPA of 3.0 thereafter. You may qualify with a 2.75 cumulative GPA after 72 attempted hours (and subsequent semesters), if you are enrolled full-time and maintain a semester GPA of at least 3.0. A grade of C, D, F, or I in this class may negatively impact TELS eligibility. Dropping a class after 14 days may also impact eligibility; if you withdraw from this class and it results in an enrollment status of less than full time, you may lose eligibility for your lottery scholarship. Lottery recipients are eligible to receive the scholarship for a maximum of five years from the date of initial enrollment, or until a bachelor degree is earned. For additional Lottery rules, please refer to your Lottery Statement of Understanding form, review lottery requirements on the web at http://scholarships.web.mtsu.edu/telsconteligibility.htm, or contact the Financial Aid Office at 898-2830.