MATH 1226 – Calculus of a Single Variable  
Fall 2015  
CRN 84478: MWF 1:25-2:15 pm in Surge 118B and Tu 2-2:50 pm in War Memorial Gym 124  
CRN 88272: MW 2:30-3:45 pm in Lavery 330 and Th 2-2:50 pm in Surge 104A  

Instructor: Susan Anderson  
Office: 431 McBryde  
Phone: 540-231-8041 (o); 951-2013 (h)  
E-mail: anderson@math.vt.edu  

Office Hours:  
• Mondays: 10 am to 1 pm  
• Wednesdays: 10 am to 1 pm  
• Thursdays: 10 am to noon  
• Fridays: 10 am to 1 pm  
• Other hours by appointment  

Text: Calculus: Early Transcendentals, 8th edition, by James Stewart  

Prerequisite: The prerequisite is Math 1225 or an equivalent course.  

Common-time Final Exam:  
• Friday, December 11, at 4:25-6:25 pm  
• The final exam is a required class meeting that will not be rescheduled for discretionary reasons, including conflicts with work schedules and with classes and exams at other colleges.  

Grading: The grade will be based upon three tests (each contributing 20%); the comprehensive final exam (20%); and other work (20%), which may include homework, quizzes, in-class work, and writing assignments. (Homework may include hand-written, MATLAB, and WebAssign problems; quizzes may be pop and/or take-home.) The course grade will be assigned as follows:  

<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</td>
</tr>
<tr>
<td>C</td>
<td>70-79</td>
</tr>
<tr>
<td>D</td>
<td>60-69</td>
</tr>
<tr>
<td>F</td>
<td>0-59</td>
</tr>
</tbody>
</table>

A plus or a minus may be assigned.  

Honor System: The Virginia Tech Honor System will be strictly enforced. Tests (including the final exam) and quizzes must be solely the individual’s work. Homework, however, may be completed in collaboration with others.  

Make-up Policy: Make-up tests or quizzes will not be given. For an excused absence from a test, a portion or all of the final exam will substitute for that test grade. Late work will not be accepted. (Exceptions to the late-work policy may be made for individuals in the event of serious illness or personal emergency at the instructor’s discretion; contact the instructor immediately if such a situation arises. Exceptions generally will be made only if the instructor is notified about any emergency prior to the due date of any affected graded work.)  

Attendance & Communication: Attendance will be taken. Students are responsible for all announcements made in class. Students are also responsible for information delivered via Scholar or email.
Web Information:

- **Course Policy Sheet and Personal Homepage:** The information on this course policy sheet, as well as other information, is available on my home page at: http://www.math.vt.edu/people.php?type=Faculty&pid=anderson.
- **1226 Information:** Much information for all Math 1226 classes is available at: http://www.math.vt.edu/courses/math1226/.
- **Emporium Information:** Please see http://www.emporium.vt.edu.

Special Needs Students: If you are a student with special needs or circumstances, if you have emergency medical information to share with me, or if you need special arrangements in case the building must be evacuated, please meet with me during office hours or schedule an appointment for another time.

Help: In addition to help during my office hours listed previously, free tutoring is available in the “Club Room” at the Math Emporium from 4:30 pm to 9:30 pm on Sundays through Thursdays for 1000-level and 2000-level math courses.

Caution: If you are not on the class roll that comes out after the last “add” date, immediately check your schedule and start attending the proper section. By simply attending a section, you will not be placed on its roll.

Basic Skills Review: The Department of Mathematics desires that each student enrolled in Math 1226 take an online Basic Skills Review covering basic concepts from Math 1225.

- Practice problems will be available to students enrolled in Math 1226. To access practice problems click on the “Practice for Basic Skills Review” button in the menu on the left of the Math 1226 homepage. Once you are logged in, choose “Math 1226 (Calculus of a Single Variable)(CRN)” and then choose the Available Unit “Practice – Math 1226 Basic Skills (401)”. The practice Basic Skills problems are constructed identically to the actual Basic Skills Review problems.
- The actual Basic Skills Review will be available to all students enrolled in Math 1226 by clicking on “Start Basic Skills Review” on the Math 1226 homepage.
- The deadline for successfully completing the Basic Skills Review is midnight on Wednesday, September 2.
- The Basic Skills Review is comprised of 6 multiple-choice questions covering basic differentiation (product rule, quotient rule, trig functions, chain rule) and integration, including u-substitution. A score of at least 5 correct is passing.
- A student may make six total attempts at the on-the-record Basic Skills Review. There is no restriction on the number of reviews that can be attempted in one day.
- Students in Math 1226 are urged to take the Basic Skills Review during the first few days of classes. Not passing the Basic Skills Review may indicate that a student is better suited to take Math 1225 this semester; please consult your instructor or advisor if you do not pass the Basic Skills Review.
- Students receive immediate results upon submitting the Basic Skills Review for grading. Hints are provided for each problem when the graded review is returned to the student. All past reviews are available to the student at any time.
- Daily updates of student pass/fail status are available to instructors of all Math 1226 sections.
- Both the practice problems and the Basic Skills Review are accessible from anywhere and are independent of the platform. (The Basic Skills Review does not need to be taken at the Math Emporium.)