Instructor: Ming Li
Office: 465A McBryde
E-mail: liming@vt.edu
Office Hours:
- Mondays: 10am to 11am McB 207
- Tuesdays: 9am to 10am McB 658
- Wednesdays: 1pm to 2pm McB 207
- Other hours by appointment
- In addition to help during office hours, free tutoring is available in the Math Tutoring Lab at the Math Emporium 4:30pm-9:30pm on Sunday through Thursday and Friday 10am-1pm. Also, you may hire a private tutor by sending an email to MATH_TUTORS@listserv.vt.edu indicating your specific needs.

Course homepage: http://www.math.vt.edu/courses/math1226/

Text: *Calculus: Early Transcendentals, 7th* edition, by James Stewart

Prerequisite: The prerequisite is Math 1225 or an equivalent course. If you have credit for Math 1205, you should take Math 1206 (not Math 1226).

Grading:
- Written homework and in-class quizzes: 10%
- WebAssign homework: 10%
- Tests (3): 60% (20% each)
- Final Exam: 20%

A 90% will guarantee an A-, 80% a B-, 70% a C-, 60% a D-. A plus or a minus may be assigned.

Common-time Final Exam:
- Friday, May 8, 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. There are two parts in the final, multiple choice and free response.

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

Basic Skills Test:
- The Department of Mathematics requires each student enrolled in Math 1226 to successfully complete, at the beginning of the term, an online Basic Skills Test covering very basic concepts from Math 1225.
Practice problems will be available to all students (not just students enrolled in Math 1226) a week before classes start. To access practice problems click on the “Enter Practice System” button in the menu on the Math 1226 homepage. Once you are logged in, choose “Calculus BST (Practice) (Spring 15)” and then choose the Available Unit “Practice – Math 1226 Basic Skills Test (401)”.

The actual Basic Skills Tests will become available to all students enrolled in Math 1226 on the first day of classes (Tuesday, January 20) at 10:00 am. Test availability will end on the last day to add classes (Monday, January 26).

The deadline for successfully completing the BST is Monday, January 26. (On January 26, a student must begin the BST no later than 10:30 pm and finish the test by midnight.)

Some details regarding the test and the departmental policy follow:

- The primary goal of the Basic Skills Test is to get students quickly and purposefully active in doing mathematics they have already seen in differential and integral calculus, though they may have forgotten some of the material over summer/holiday breaks. The test will require a quick and timely review of those basic skills from differential and integral calculus that are essential for success in Math 1226.
- The Basic Skills Test is administered as a computer-based proctored test in the Math Emporium. (Students should request a “proctored test” when checking in at the Math Emporium, and should bring to the testing area only a writing instrument and student ID--no calculators, notes, or scrap paper.) The Basic Skills Test is comprised of 6 multiple-choice questions covering differentiation (product rule, quotient rule, trig functions, chain rule, max/min) and basic integration. A score of at least 5 correct is passing.
- A student may make six total attempts at the proctored, on-the-record tests, during the published proctoring hours in the Math Emporium. There is no restriction on the number of BSTs that can be attempted in one day. (Note: A proctor must begin each on-the-record Basic Skills Test for the student.) The Basic Skills Test is available from January 20 to 26, 2015. The proctoring schedule for the duration of the Basic Skills Test is:

<table>
<thead>
<tr>
<th>Proctored Hours for the Basic Skills Test</th>
<th>Must start the test within</th>
<th>Must finish the test by</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunday:</td>
<td>2:00 PM - 9:30 PM</td>
<td>11 PM</td>
</tr>
<tr>
<td>Monday:</td>
<td>10:00 AM - 10:30 PM</td>
<td>midnight</td>
</tr>
<tr>
<td>Tuesday:</td>
<td>10:00 AM - 10:30 PM</td>
<td>midnight</td>
</tr>
<tr>
<td>Wednesday:</td>
<td>10:00 AM - 10:30 PM</td>
<td>midnight</td>
</tr>
<tr>
<td>Thursday:</td>
<td>10:00 AM - 10:30 PM</td>
<td>midnight</td>
</tr>
<tr>
<td>Friday:</td>
<td>10:00 AM – 2:30 PM</td>
<td>4 PM</td>
</tr>
</tbody>
</table>

- Students in Math 1226 are urged to take the Basic Skills Test during the first few days of classes so that they will have maximum flexibility in making course schedule adjustments should that become necessary.
- Students receive immediate results upon submitting the Basic Skills Test for grading. Hints are provided for each problem when the graded test is returned to the student. All past tests are available to the student for review at any time.
- Daily updates of student pass/fail status are available to instructors of all Math 1226 sections.
o All students in Math 1226 who have not passed the Basic Skills Test are so informed by the second week of classes. The message, email or written, explains that the student cannot receive a passing grade for the course and that the instructor cannot make exceptions. Appeals may be made to the Department of Mathematics.
o All students have unlimited access to practice problems via “Practice System”. The practice Basic Skills Test problems are constructed identically to the actual test problems, are accessible from anywhere, and are independent of the platform. Practice problems will be available a week before classes start.

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:
- **1226 Information:** Much information for all Math 1226 classes is available at: http://www.math.vt.edu/courses/math1226/.
- **Emporium Tutor Lab Information:** Please see http://www.emporium.vt.edu/emporium/tutoringlab.html

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.

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.