

# MATH 1226: CALCULUS OF A SINGLE VARIABLE

Spring 2019, CRN: 19427

MWF: 9:05 – 9:55, 345 Lavery Hall (WLH 345)

Thurs: 9:30 – 10:20, 335 Lavery Hall (WLH 335)

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**Instructor:** William Winter   **Email:** [wwinter@vt.edu](mailto:wwinter@vt.edu)   **Office:** McBryde 461S

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**Office Hours:** Monday/Wednesday 2-3, Thursday 12:30-1:30. Other hours by appointment.

## Additional Resources:

- The Math Department Tutoring Lab is located at McBryde Hall Room 332. The lab is open from 5:00pm to 9:00pm Sunday through Thursday. The lab provides help with 1000 and 2000 level VT math courses on a walk-in basis and is staffed by undergraduate and graduate student tutors. Students requesting help should bring a laptop, printed questions, their textbook, or their class notes with them.
- You may hire a private tutor by sending an email to [math\\_tutor-g@vt.edu](mailto:math_tutor-g@vt.edu) indicating your specific needs.

**Textbook:** *Calculus: Early Transcendentals*, 8th edition, by Stewart (with WebAssign access).

## Course Pages:

1. The course contract, syllabus, and other materials essential to this course can be found on our class Canvas site.
2. Course Website: <http://www.math.vt.edu/courses/math1226>
3. WebAssign: <https://www.webassign.net/login.html>

**Prerequisites:** The prerequisite is Math 1225 (minimum grade of C-) or an equivalent course

**Grading Policy:** Your final grade in the course is based on the following work.

|                                    |                |
|------------------------------------|----------------|
| WebAssign:                         | 5%             |
| Written Homework/In-Class Quizzes: | 15%            |
| Tests (3):                         | 60% (20% each) |
| Final Exam:                        | 20%            |

A 90% will guarantee an A-, 80% a B-, 70% a C-, and a 60% a D-.

## Grading Appeals:

Specific grading disputes (points totaled incorrectly, partial credit appeals, missing assignments on Canvas, etc) should be brought to my attention within **1 week** of return of the assignment. Coming to me within this period does not guarantee a grade change, only my consideration. Appeals outside of this time frame will not be considered.

**Common Time Final Exam:**

- The CTE will be held on Friday, May 10 from 4:25pm – 6:25pm.
- The final exam is a required class meeting that will not be rescheduled for discretionary reasons, including conflicts with work schedules, conflicts with classes and exams at other colleges, and travel plans.

**Exams and Makeup Policy:**

Tentative Exam Schedule:

Test 1: Week of 2/18

Test 2: Week of 3/18

Test 3: Week of 4/22

You must take tests on the specified date. Usually, makeup exams will not be given. If a student misses an exam for reasons that are serious, unavoidable, and beyond the students control, the situation will be handled on an individual basis. When possible, the student should notify the teacher before missing the exam.

**WebAssign:**

WebAssign quizzes will be assigned throughout each week. On average, two or three WebAssign quizzes per week will be assigned.

**Written Assignments/In-class Quizzes:**

There will be a written homework assignment due (roughly) each week. The due date and assignment will be posted on Canvas. You are encouraged to work together on homework assignments, however your final write-up must be done independently.

Quizzes (both announced and unannounced) may occasionally be given at the end of class and will be based on homework problems and material covered during class. In-class quizzes are closed book, closed notes, and to be completed individually unless otherwise specified by the instructor.

**Late Assignment and Drop Policy:**

- Written Homework will be collected at the beginning of class on the due date. An assignment is considered late if it is turned in after it is collected.
- During the course of the semester, each student may submit at most two late written homework assignments for full credit provided they are turned in by the beginning of the next class meeting immediately following the due date. No prearrangement with the instructor is required. Students **may not** use both extensions on a single assignment. Apart from these two extensions, no late written homework assignments will be accepted.
- No past due WebAssign quizzes will be accepted. At least two WebAssign scores will be dropped.
- Makeup quizzes will not be given. At least one homework/in-class quiz score will be dropped.

**Classroom Courtesy:**

You and your classmates are here to learn, and that happens best in an atmosphere of mutual respect with freedom from distractions and disturbances. All of us should abide by the Virginia Tech Principles of Community.

**Attendance & Communication:**

Class attendance will be taken daily and kept for Mathematics Department records. Students are responsible for course materials and announcements covered in class. Students are also responsible for information delivered via Canvas or email.

**Disability Statement:**

If you need adaptations or accommodations because of a documented disability, if you have emergency medical information to share with me, or if you need special arrangements in case the building must be evacuated, please make an appointment with me as soon as possible.

**Basic Skills Review:**

The Department of Mathematics encourages each student enrolled in Math 1226 to take, at the beginning of the term, 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) (19427) 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 on the first day of classes (Tuesday, January 22) by clicking on Start Basic Skills Review on the Math 1226 homepage. The deadline for successfully completing the Basic Skills Review is midnight on Thursday, January 31.

**Course Materials:**

Notes, assignments, quizzes, tests, exams, solutions, and other materials distributed to or generated in this class are intended for use only by students enrolled in this crn this semester. Without the teacher's written permission, no one may show, give, or otherwise make such class materials available to anyone not enrolled in this crn this semester. Prohibited activities include, but are not limited to, uploading a test, uploading solutions to problems, and submitting such class materials for online posting. The prohibition on sharing solutions applies to all solutions, regardless of who wrote the solutions.

**Honor System:**

All assignments, tests, and quizzes submitted will be considered graded work and must be completed on an individual basis. No consultation is permitted on tests and in-class quizzes. Homework and WebAssign quizzes may be discussed with other students as well as with the instructor. However, in writing up an assignment to be handed in or in submitting solutions on a WebAssign quiz, each student works alone (without other students or other students' papers) and certifies that what is written and/or submitted accurately represents the student's own understanding of the material expressed in the student's own words. In working, or in preparing to work, homework problems and WebAssign quiz problems, students may not consult partial or complete solutions of the problems that have been prepared by anyone else. The prohibited solutions include, but are not limited to, solutions by current or former teachers or students at VT or elsewhere, whether these solutions are posted on the web or available from other sources.

The honor code applies to all graded work in this course. The Undergraduate Honor Code pledge that each member of the university community agrees to abide by states:

“As a Hokie, I will conduct myself with honor and integrity at all times. I will not lie, cheat, or steal, nor will I accept the actions of those who do.”

Students enrolled in this course are responsible for abiding by the Honor Code. A student who has doubts about how the Honor Code applies to any assignment is responsible for obtaining specific guidance from the course instructor before submitting the assignment for evaluation. Ignorance of the rules does not exclude any member of the University community from the requirements and expectations of the Honor Code. For additional information about the Honor Code, please visit: <https://www.honorsystem.vt.edu/>.