

**Math 1225: Calculus of a Single Variable**  
MTWTF 8:00-8:50am in McBryde 308  
**Spring 2019** (CRN 85978)

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<b>Instructor:</b>	Joseph Wells, PhD (He/Him/His)	<b>Phone:</b>	540-231-6536
<b>Office:</b>	419 McBryde Hall	<b>Email:</b>	<a href="mailto:Joseph.Wells@vt.edu">Joseph.Wells@vt.edu</a>
<b>Office Hours:</b>	M 1:00pm - 2:30pm, Th 11:00am - 1:00pm other times by appointment		
<b>Text:</b>	<i>Calculus: Early Transcendentals</i> , 8th ed. by Stewart (w/ WebAssign access)		
<b>Course Website:</b>	<a href="http://intranet.math.vt.edu/courses/math1225">http://intranet.math.vt.edu/courses/math1225</a>		
<b>WebAssign Site:</b>	<a href="https://www.webassign.net/login.html">https://www.webassign.net/login.html</a>		

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**Prerequisite:**

You must have one of the following:

- A grade of B or better in Math 1014, 1015, 1016, 1025, or 1536.
- Two units of high school algebra, one unit of geometry, 1/2 unit each of trigonometry and precalculus AND placement by the Mathematics Department.
- A passing grade on the Math 1225 Readiness Exam.

**Course Content:**

Limits, continuity, differentiation, transcendental functions, applications of differentiation, introduction to integration.

**Attendance & Communication:**

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

I will gladly honor your request to address you by an alternate/preferred name or gender pronouns. Please advise me of this preference early in the semester by completing the survey on Canvas titled "Name Survey" with your alternate/preferred name, pronouns, and/or phonetic spelling/pronunciation of your name.

**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.

**Written Assignments:**

Written homework assignments will be posted on Canvas nearly every Wednesday. Homework will be collected at the beginning of class on the specified due date and will generally be accompanied by a short quiz. Group work, MATLAB assignments, and projects may also be assigned and will contribute to this portion of the students' grades.

**WebAssign:**

WebAssign quizzes will be assigned regularly, and they will typically be due on Tuesdays and Fridays. Each quiz will typically have three attempts. In addition to WebAssign quizzes, there will be 4 cumulative assessments, which will have one attempt each. The lowest four Webassign grades will be dropped. For any questions concerning WebAssign access or support, call (toll free) (800) 955-8275.

A Precalculus Assessment is also available in the form of a WebAssign quiz. The questions reflect the prerequisite course material required to be successful in the Calculus sequence at Virginia Tech. This quiz is not required and your score on the assessment will not count toward your final grade.

**Exams and Makeup Policy:**

There will be four common time exams and a common time final exam. The locations for the exams will be announced on the Math 1225 web page. Typically, they will not be the same as your lecture class.

Exam 1	Wednesday, September 18 at 7pm
Exam 2	Wednesday, October 16 at 7pm
Exam 3	Wednesday, November 6 at 7pm
Exam 4	Wednesday, December 4 at 7pm
Final Exam	Monday, December 16 from 7-9pm

You must take tests on the specified date. If you have a verified conflict with the time scheduled for an exam, an alternative starting time for the exam on the same evening will be provided. Usually, makeup exams will not be given. If a student misses an exam for reasons that are serious, unavoidable, and beyond the student's control, the situation will be handled on an individual basis and at the instructor's discretion. When possible, the student should notify the instructor before missing the work.

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.

**Grading:**

Math 1225 has two possible Course Grade Weighting Options:

**Course Grade Weighting Option 1**

- Tests — 60% (4 tests, 15% each)
- Final Exam — 15% (7.5% multiple choice, 7.5% free response)
- WebAssign —8%
- Written Assignments — 17%

**Course Grade Weighting Option 2**

- Tests — 50% (4 tests, 12.5% each)
- Final Exam — 25% (12.5% multiple choice, 12.5% free response)
- WebAssign —8%
- Written Assignments — 17%

Each student's percent score will be calculated using both Course Grade Weighting Option formulas, and the higher percent score will be used to determine the student's course grade. Letter grades will be assigned according to the following table:

A	$92\% \leq \text{grade} \leq 100\%$	C	$72\% \leq \text{grade} < 77\%$
A-	$90\% \leq \text{grade} < 92\%$	C-	$70\% \leq \text{grade} < 72\%$
B+	$87\% \leq \text{grade} < 90\%$	D+	$67\% \leq \text{grade} < 70\%$
B	$82\% \leq \text{grade} < 87\%$	D	$62\% \leq \text{grade} < 67\%$
B-	$80\% \leq \text{grade} < 82\%$	D-	$60\% \leq \text{grade} < 62\%$
C+	$77\% \leq \text{grade} < 80\%$	F	$0\% \leq \text{grade} < 60\%$

### **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 timeframe will not be considered.

### **Additional Help:**

There is a tutoring lab in McBryde 332 that operates Sunday-Thursday, 5pm to 9pm. For additional help and tutoring options visit <http://intranet.math.vt.edu/people/schmalej/tutors/home.php>.

### **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.

### **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.

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 or solutions to any problems and submitting such materials for online posting. The prohibition on sharing solutions applies to all solutions, regardless of who wrote the solutions.

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/>.