Math 1226 (CRN: 15281)
CALCULUS OF SINGLE VARIABLE
Spring 2016

Location: WILLIAMS 120 MTWF 8.00-8.50 am

Instructor: Katarzyna (Kasia) Świrydowicz
Email: kswirydo@vt.edu
Office: MCB 407I

Office Hours
⇒ MW 2.45 – 3.45 pm
⇒ TF 9.00 – 10.00 am

Text
⇒ Calculus: Early Transcendentals, 8th Edition, by Stewart (with WebAssign access)
⇒ Students, who already purchased the 7th edition of the Stewart textbook for 1225 or 1226 during a previous semester at Virginia Tech, do NOT have to buy the new edition and can use their current WebAssign account.
⇒ If you have the 7th edition, contact me so that you can be upgraded (at no charge) to view the 8th edition of the textbook online.

Prerequisites
⇒ Math 1225 (minimum grade of C-).

Course content
⇒ The course covers a variety of topics, including techniques and strategies of integration, some applications of integrals in problems arising in physics and engineering, and sequences and series. We will use various computational resources.
Common-time Final Exam

⇒ Monday, May 9th, 7-9 pm, room TBA.
⇒ 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.

Tests

⇒ Test 1: Friday, February 12th
⇒ Test 2: Wednesday, March 16th
⇒ Test 3: Friday, April 22nd
⇒ The schedule is tentative and can be subject to change.

Basic Skill Review

⇒ This is a multiple choice test containing six questions.
⇒ The review covers differentiation and u-substitution (material covered in the courses prerequisite for Math 1226).
⇒ The passing score is five or higher.
⇒ You have six attempts.
⇒ Unlimited practice problems can be accessed from the course website https://www.math.vt.edu/courses/math1226/
⇒ The test can be taken anywhere (no need to go the Math Emporium).
⇒ The deadline is Thursday, January 28th, 11:59 pm.
⇒ The result does not count towards your grade. However, if you get a passing score on the review by Sunday, January 23rd, 11:59 pm, I will give you 5 extra credit points (out of a 100) on Test 3. If you get a passing score by the official deadline, you will get 4 extra credit points on Test 3.
⇒ You are not required but strongly encouraged to take the review.

WebAssign

⇒ If you have an online version of the textbook, you can access it through WebAssign.
⇒ You are encouraged to use WebAssign for supplemental practice to your assigned homework. However, we will not have graded WebAssign assignments in this class.
Calculators
⇒ Student calculators are not allowed on tests or on the final exam. You can use calculator during in-class assignments (both graded and ungraded).

Getting Help
⇒ Office Hours.
⇒ Math Emporium Tutoring Lab (4 pm to 9 pm, Sun-Th).
⇒ Private tutoring (paid): send an email to math_tutors-g@vt.edu

Grading Criteria
A total of 100% could be earned at this course. A grade break-up is
⇒ Three tests: 20% each (60% total)
⇒ Final Exam: 20%
⇒ Homework: 12%
⇒ Graded group in-class assignments: 8%
A 90% will guarantee an A-, 80% a B-, 70% a C-, 60% a D-. Plus and minus grades will be assigned at my discretion.

Homework
⇒ Homework assignments will be posted on Scholar.
⇒ On most weeks homework is due on Wednesday.
⇒ We will have approximately 14 homework assignments.
⇒ Two lowest grades will be dropped.
⇒ You are encouraged to work on homework with peer students. However, the work you submit must be your own, written by you and in your own words.
⇒ You are responsible for announcements made in class and through email.
⇒ Please STAPLE your work!

Graded group in-class assignments
⇒ Most weeks, on Wednesdays or Fridays, you will complete graded group work in groups of two, three or four.
⇒ You can change your group every week (but you don’t have to).
Assignments will be posted on Scholar Tuesday or Thursday night (by midnight).
Assignments are based on the material we covered in class.
You can use notes and textbooks, and you are allowed to use calculators, but the use of Internet is not permitted

Missed Work Policy
Tests and Final Exam: 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 student’s control, the situation will be handled on an individual basis. When possible, the student should notify the instructor before missing the work.

Homework: no late homework will be accepted. To account for this I am dropping two lowest scores.

In-class group assignments: if you miss the class the assignment was given because of a serious reason, you can submit the assignment as individual work by the beginning of the next class.

Honor System
All assignments, tests, and quizzes submitted will be considered graded work and must be completed on an individual basis. Homework may be discussed with other students as well as with the instructor. However, in writing up an assignment to be handed in, each student works alone (without other students or other students’ papers) and certifies that what is written 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, 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. If you have any questions about how the honor code applies to a particular situation, it is your responsibility to ask.
Classroom Courtesy

Students are expected to abide the following rules:

⇒ Students are expected to arrive on time and stay until class is dismissed.
⇒ If you know ahead of time that you will be late or must leave early, please let me know in advance, sit as near the exit as possible, and enter or leave quietly.
⇒ Talking to classmates during class, aside from group assignments, is considered disruptive. If you engage in such behavior, I can and may ask you to leave.
⇒ Laptops and tablet computers are permitted provided they are used in the flat-on-the-desk position. Open laptops are not allowed. Cell phones should be turned off or in silent mode and should be put away while class is in session.
⇒ Reading magazines and newspapers while class is in session is inappropriate.

Attendance

⇒ Class attendance will be taken daily and kept for Mathematics Department records.
  Attendance is not a part of your grade.
⇒ Students are responsible for course materials and announcements covered in class.

Other

⇒ If you need adaptations or accommodations because of a disability, please make an appointment with me as soon as possible.