MATH1105: Calculus II for Math and Science Majors
Fall 2017

Instructor: Dawei Chen
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Class time and location: MWF 3-3:50, STOKES 113S

Office hours: Wednesday 2-3 and Thursday 3-4. Walk-in and by appointments are also welcome.

Textbook: *Calculus* by Larson and Edwards, 11th edition.

Course description: MATH1105 is a second course in single variable calculus, intended for majors in Chemistry, Computer Science/BS, Geology/ Geophysics, Mathematics, and Physics. It is offered only in the Fall semester, and designed to meet the needs of students who have completed a year of Calculus in high school at either the AB or BC curriculum level – most of whom have received AP credit for Calculus, but who are not yet prepared to advance to MATH2202 Multivariable Calculus. I will assume that you are familiar with differentiation of single-variable functions, computing basic integrals and the fundamental theorem of calculus. We will cover most of chapters 4-9.

Homework: Written homework will be assigned after each lecture and collected every Wednesday in class, starting from Sep 6th. The homework problems will be a mixture of routine, straightforward problems that test basic understanding of the material as well as more challenging problems. It is very important to do all the assignments. Late homework will **not** be accepted for full credit. Homework assignments will be posted on Canvas. If you have trouble viewing the homework, you can contact me for assistance.

Exams: There will be two midterms and a final exam. If you are sick the day of an exam, or have a family emergency, etc. you must get a note from Health Services or Dean's Office in advance. For full credit, full work must be shown. Calculators will **not** be allowed in the exams. Do **not** schedule any travel during the exam time:

First midterm (tentative): Wednesday, Oct 4;
Second midterm (tentative): Wednesday, Nov 8;
Final exam: Saturday, Dec 16, 12:30pm.

Grade: Homework 20%; Midterm exams 20% each; Final exam 40%.

Reading: You are encouraged to preview lecture materials before each class, according to the schedule posted on Canvas. This will help you more easily follow the lectures in class.

Discussion: You are encouraged to use the discussion feature on Canvas. You can post questions, answer others' questions, provide anonymous feedback on how the course is going, organize study sessions, etc.

Extra help: In addition to my office hours, there are other free tutoring services offered around the university by the Mathematics Department and by the Connors Family Learning Center. The tutoring information can be found at https://www.bc.edu/bc-web/schools/mcas/departments/math/undergraduate/tutoring.html

Academic integrity: Many people find discussing problems with others to be the best, easiest, most efficient and most pleasant way to learn mathematics. You are permitted and encouraged to do this! Nevertheless, you must write up all the homework solutions by yourself only. Copying solutions from someone or somewhere else is not only intellectually dishonest but it also undermines the educational process. If you are caught cheating on a problem set, you will receive **zero** for that set. If you are caught cheating on an exam, you will receive **zero** for the course. BC's policy on academic integrity can be found at http://www.bc.edu/offices/stserv/academic/integrity.html

Special need: If you are a student with a documented disability seeking reasonable accommodations in this course, please contact Kathy Duggan, (617) 552-8093, dugganka@bc.edu, at the Connors Family Learning Center regarding learning disabilities and ADHD, or Paulette Durrett, (617) 552-3470, paulette.durrett@bc.edu, in the Disability Services Office regarding all other types of disabilities, including temporary disabilities. Advance notice and appropriate documentation are required for accommodations.