

150a First-Year Calculus

Section 18 – SC1214 – TR 9:35-10:50

Instructor: Dr. Simon Foucart

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Office hours: M 4:30-6:00, W 4:30-5:00, R 11:00-12:00, or by appointment

Catalog Course Description: functions, limits, differentiation of algebraic and transcendental functions, applications of differentiation, integration. (3 hours credit)

Background required: Algebra I and II, Geometry, Trigonometry

Review materials: A concise review of essential algebra and trigonometry topics can be found on the web at <http://www.math.vanderbilt.edu/~pscrooke/calculus/AT1.pdf>.

Textbook: Calculus (fifth edition) by James Stewart

Calculators: Calculators are not used in this course.

Tests: There will be three departmental tests during the semester, scheduled for September 27, November 1, and November 29 from 7:30-8:45 p.m. The departmental final exam, which is comprehensive, is scheduled for Saturday, December 15 at 7 p.m.

Quizzes: There will be a weekly quiz over homework and material presented in class.

Homework: The departmental assignments are listed on the syllabus. Individual instructors may assign additional problems. Homework is an important component of the course and should be completed promptly.

Homework Help: Individual instructors have regularly scheduled office hours to answer student questions outside of class. The Department of Mathematics also sponsors drop-in tutored study halls in the math building which will start during the second week of classes. The Tutoring Services Office of the College of Arts and Science offers free individual tutoring and other related services for students who need assistance in addition to instructor office hours and the tutored study halls. Information can be found on their web site at <http://www.vanderbilt.edu/cas/supportservices/tutoringservices/index.php>.

Grades: Grades will be based on the quizzes (100 points), midterm tests (400 points), and the final exam (200 points). One of the midterm test grades may be replaced by the percentage grade from the final if that score is higher. Letter grades will be based on a general 10-point scale, where 90-100 guarantees a grade in the A range, 80-89 B range, 70-79 C range, 60-69 D range, with plus or minus grades assigned as appropriate.

Attendance and Make-up Policy: The stated attendance policy of the College of Arts and Science applies in this course: *Students are expected to attend all scheduled meetings of classes in which they are enrolled; they have an obligation to contribute to the academic performance of all students by full participation in the work of each class. ... The faculty of the College of Arts and Science recognizes that occasions arise during the academic year that merit the excused absence of a student from a scheduled class or laboratory during which*

an examination, quiz, or other graded exercise is given. Examples include participation in sponsored university activities (e.g., debate team, varsity sports), observance of officially designated religious holidays, serious personal problems (e.g., serious illness, death of a member of the student's family), and matters relating to the student's academic training (e.g., graduate or professional school interviews). Conflicts arising from personal travel plans or social obligations do not qualify as excused absences. Students who have a documented excused absence from a quiz or midterm test may be given a make-up. The instructor must be notified of the problem ahead of time except in the case of an emergency.

Classroom Policy: Students are not allowed to use electronic equipment such as cell phones, music players, or computers during class. Except in the event of a true emergency, any student who leaves the classroom will not be allowed to return. These activities are a disruption to the instructor and to the other students.

Honor Code: All work submitted for credit must be the student's own and is subject to the provisions of the Vanderbilt Honor Code. Details can be found at the Honor Council web site (<http://mba.vanderbilt.edu/studentclubs/academic/honorcouncil/>).

Accommodation Procedure: A student who needs course accommodations due to a disability, special arrangements in case the building must be evacuated, or has emergency medical information that needs to be shared with the instructor, should contact the instructor as soon as possible. The **Opportunity Development Center** (<http://www.vanderbilt.edu/odc/>) at Vanderbilt provides specific accommodations for students with either physical disabilities or learning disabilities. Upon receiving appropriate documentation from the student, the Opportunity Development Center will make arrangements with the instructor for the accommodations.

Complaint Procedure: Any complaints about the course should first be discussed with the individual instructor. Issues that cannot be resolved between the student and the instructor should be reported to the Director of Teaching, Jo Ann Staples (SC 1332, inside the main math office).

Important Dates:

August 29	Classes begin
August 30	Fall registration change period begins
September 5	Fall registration change period ends. Last day undergraduates may add or drop a course with no entry on their record. Last day undergraduate students may register for pass/fail status in a course
October 17	Deadline for midterm deficiency submission
October 22-23	October break
October 26	Last day to withdraw from fall courses. Last day to change from pass/fail to graded status in a course
November 17-25	Thanksgiving holidays
December 7-13	Dead week
December 13	Last day of classes
December 14-22	Reading days and final examinations