

SECTIONS 10, 11, 12
31, 32, 33

SYLLABUS MATH 151

FALL 2011

MATH 01-640-151: Math 151–152 is the introductory year course in the calculus sequence in New Brunswick for majors in the mathematical sciences, the physical sciences, and engineering.

PREREQUISITE: PreCalculus: Rutgers Math 115 or the equivalent, or appropriate score on mathematics placement test. You are expected to know PreCalc thoroughly without the aid of a formula sheet or a calculator.

INSTRUCTOR: Gus Rainsford **EMAIL ADDR:** rainsfor@math.rutgers.edu

OFFICE HOURS: Room: Hill 208. Unless announced otherwise: Monday and Wednesday by appointment. Tuesday and Thursday 5:00 - 6:30. Most Friday afternoons as announced.

TEXTBOOK: Calculus, Early Transcendentals, 2nd edition. The 2nd "Rutgers Customized Edition" includes some background material. This background material should be the only difference between the generally available 2nd edition and the Rutgers Customized 2nd edition. This background material is also available online at <http://www.math.rutgers.edu/courses/151/151Syllabus/lm.pdf>. (This link is available under "resources" on our Sakai site.)

NOTICE: The 2nd Edition has revised homework problems as well as a rearrangement of several sections. Homework problems will be assigned from the 2nd edition only. Homework problems from the first edition may NOT be substituted for the assigned homework problems from the second edition.

Author: Jon Rogawski. **Publisher:** Freeman Custom Publishing.

Note 1: (change of class days) Unless announced otherwise:

On Thursday September 8 Rutgers will follow Monday's schedule of classes. On Monday November 21, Rutgers will follow Wednesday's schedule of classes. On Tuesday November 22, Rutgers will follow Thursday's schedule of classes.

CALCULATOR: A Graphing calculator may be used for some workshops. Calculators will **NOT** be permitted on exams.

GRADING:	Quizzes: 30 pts	Homework 20 pts	Workshops: 75 pts	Exam 1: 100 pts
	Exam 2: 100 pts	Final: (comprehensive) 200 pts	Total: 525 pts	

NOTICE: Failing grades on both midterms and the final will result in a failing grade for the course.

EXAMS: Exams are closed book: no notes, or books etc. are permitted. A formula sheet will be provided on exams. No other formula sheets or materials may be used on exams. Calculators, cell phones and other related electronic devices will not be used on the exams. You may not leave the room and then return to finish the exam. **Midterm I** is *tentatively* scheduled for **Thursday October 6**. **Midterm II** is *tentatively* scheduled for **Thursday November 17**. **The Final Exam** will be comprehensive and will be held on **Monday December 19**, 4:00 PM - 7:00 PM. The room will be announced in class. Firm dates for exams will be announced in class.

MISSED EXAMS: Makeup exams are not given; there are no exceptions. **If you are absent on the day of an exam (for some acceptable reason), you must bring in a formal letter from the dean's office which verifies the reason for your absence is valid in order for your absence to be excused.** For such an excused absence, the final will count for the missed exam. Missed exams, which are not excused, are recorded as a 0 grade.

In addition, within 3 days of the missed exam, use the online absence reporting system at <https://sims.rutgers.edu/ssra/> to record your absence and send me an email.

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CLASS PARTICIPATION: You are responsible for attending all class meetings. Poor attendance will be a factor in deciding borderline grade situations. You are responsible for all announcements and material covered in lecture. Homework assignments, and announcements regarding quizzes and exams, etc. will not be sent to students via email or phone. Make arrangements with other students to get lecture notes and any announcements in the event you miss lecture. Not knowing the day of an exam is NOT an acceptable excuse for missing the exam.

SPECIAL NEEDS: If you require special accommodations during exams or in class, you must see the Rutgers Office of Disability Services and discuss your case with them. Requests for special accommodations will NOT be honored without a letter from the Rutgers Office of Disability Services requesting the accommodations. Such letters must be presented in a time frame sufficient to allow for the accommodation to be met. To insure your needs will be met this semester, please see the Dean of Disabilities Services ASAP. Further information is on <http://disabilityservices.rutgers.edu>

ACADEMIC INTEGRITY: Students are expected to do their own work and abide by the restrictions regarding calculators and other electronic devices as well as testing aids such as formula sheets. Violations will result in a zero grade for the workshop, quiz, homework, or exam in question and possible failure for the course and or further academic discipline for all involved.

WORKSHOPS: Workshop classes are conducted by a TA with the assistance of a peer mentor. These are not optional. In the workshop, you will work together with two or three other students. The emphasis will be on problem-solving strategies, multi-step problems, and good write-ups of your solutions. Each week a workshop problem will be assigned in the workshop class. Workshops must be handed to your TA at the beginning of the workshop class one week after they are assigned. They will not be accepted during office hours, or in the lectures or via email. Do not leave them on the desk in the lecture or bring them to my office. Late workshops will not be accepted. The two lowest workshop grades will be dropped.

QUIZZES: Some weeks, in addition to a workshop assignment, a short quiz will be given in the workshop class. Makeup quizzes will not be given. As such the lowest quiz score will be dropped.

HOMEWORK: Homework must be handed to your TA at the beginning of the workshop class one week after they are assigned. They will not be accepted during office hours, or in the lectures or via email. Do not leave them on the desk in the lecture or bring them to my office. Late homework will not be accepted. The lowest homework grade will be dropped.

HOMEWORK PROBLEMS: A list of departmental homework problems can be found on the following webpage:

www.math.rutgers.edu/courses/151/151Syllabus/151Fall11syllabus.html

There is a link to this site on the Sakai site for this course.

Students are encouraged to do all the problems as they are practice problems for exams and quizzes. Selected homework problems will be graded. Updates and additions to the homework problems may be announced in lecture and/or in the workshop class.