

MAT 132 LECTURE 2 SYLLABUS - SUMMER 2016

MARLON GOMES

1. COURSE DESCRIPTION

1.1. **Course Goal.** This course is a continuation of MAT 131. Its goal is to cover advanced methods of integration, applications of integrals, sequences and series and introduction to differential equations.

1.2. **Requisites.** As a continuation of MAT 131, students are expected to know the material from the previous course, such as Limits, Continuity, Differentiation and The Fundamental Theorem of Calculus.

1.3. **Textbook.** The required textbook is *Single Variable Calculus: Concepts & context*, by James Stewart, special edition for Stony Brook University, Cengage Learning. The textbook can be acquired at the campus bookstore. Webassign will not be required for this course.

1.4. Important Times and Dates.

- Lectures: Mondays, Wednesdays, Thursdays, 9:30 am - 12:35 pm, on Physics P112.
- Midterm: July 28th, 9:30 am - 12:35 pm, on Physics P112.
- Final Exam: August 18th, 9:30 am - 12:35 pm, on Physics P112.

1.5. **Assignments.** The homework assignments will be posted on the course webpage:

`http://www.math.stonybrook.edu/~mgomes/current_teaching`

You will be able to find the homework schedule in the course webpage. Homework is due at the beginning of class. Late homework will not be accepted, since problems will be discussed on the homework due date, during the lecture.

1.6. **Grades.** Your grade will be calculated in the following way:

- (1) Each HW: 5%.
- (2) Midterm: 40%.
- (3) Final Exam: 40%.

2. CONTACT

My office hours will be held in the Math Learning Center (Math Tower, S-240A), on: TBA.

E-mail is the best form of communication besides lectures and office hours. My address is

mgomes@math.stonybrook.edu.

3. DSS NOTICE

If you have a physical, psychological, medical, or learning disability that may impact your course work, please contact Disability Support Services at (631) 632-6748 or at

<http://studentaffairs.stonybrook.edu/dss/>.

They will determine with you what accommodations are necessary and appropriate. All information and documentation is confidential. Students who require assistance during emergency evacuation are encouraged to discuss their needs with their professors and Disability Support Services. For procedures and information go to the following website: <http://www.sunysb.edu/>

4. ACADEMIC INTEGRITY

Each student must pursue his or her academic goals honestly and be personally accountable for all submitted work. Representing another person's work as your own is always wrong. Faculty are required to report any suspected instances of academic dishonesty to the Academic Judiciary. Faculty in the Health Sciences Center (School of Health Technology and Management, Nursing, Social Welfare, Dental Medicine) and School of Medicine are required to follow their school-specific procedures. For more comprehensive information on academic integrity, including categories of academic dishonesty, please refer to the academic judiciary website at

<http://www.stonybrook.edu/uaa/academicjudiciary/>

5. CRITICAL INCIDENT MANAGEMENT STATEMENT

Stony Brook University expects students to respect the rights, privileges, and property of other people. Faculty are required to report to the Office of Judicial Affairs any disruptive behavior that interrupts their ability to teach, compromises the safety of the learning environment, or inhibits students' ability to learn. Faculty in the HSC Schools and the School of Medicine are required to follow their school-specific procedures.

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