

## MAT 200, LECTURE 02: Fall 2017

### Topics and Text:

A basic course in the logic of mathematics, the construction of proofs and the writing of proofs. The mathematical content is primarily set theory, combinatorics and Euclidean geometry. There is considerable focus on writing. Our text for the course is *An Introduction to Mathematical Reasoning: numbers, sets, and functions* by Peter J. Eccles.

### Your Teachers:

**Tim Ryan** is teaching Lecture 02, which meets on Tuesdays and Thursdays from 1:00pm to 2:20 pm in Library E4310. His office is **Math Tower 2-116**. His office hours are W 1-2pm in S-235 and TR 2:30-3:30pm in 2-116 (both in the math tower). Contact by email at [timothy.ryan@stonybrook.edu](mailto:timothy.ryan@stonybrook.edu).

### Homework:

Homework is assigned for each week and should be handed in the following week.

The homework assignments can be found by going to the Assignments tab (on our course Black Board website) and clicking on HW.

### Exams:

There is two in class midterm and a final exam, scheduled (approximately) as follows:

First Midterm: Thursday 9/28/17, in lecture.

Second Midterm: Thursday 10/26/17, in lecture.

Final exam: Monday 12/18/17 , 5:30pm-8:00pm.

If you continue with this course it is with the understanding that you are able to take all of the exams at the scheduled times. If you (need to) miss an exam for reasons beyond your control, then discuss this as soon as possible with your instructor. **Scheduling problems such as another exam scheduled at the same time as your Mat 200 exam are not considered an acceptable reason for missing an exam.**

### Learning Objective:

This is a STEM+ course in the Stony Brook Curriculum as such it “pursues deeper understanding. Students must use the skills expected

from their Versatility courses to study and practice them in greater depth, with further study applied to the area in which they are certified.

**Grading Policy:**

Homework=30%,  
First Midterm=20%,  
Second Midterm=20%,  
Final exam=30%.

**Disability Support Services (DSS) Statement:**

If you have a physical, psychological, medical or learning disability that may impact your course work, please contact Disability Support Services, ECC(Educational Communications Center) Building, Room 128, (631)632-6748. They will determine with you what accommodations, if any, are necessary and appropriate. All information and documentation is confidential. <http://studentaffairs.stonybrook.edu/dss/>

**Academic Integrity Statement:**

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 is required to report any suspected instances of academic dishonesty to the Academic Judiciary. Faculty in the Health Sciences Center (School of Health Technology & 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/commcms/academic-integrity/index.html>

**Critical Incident Management:**

Stony Brook University expects students to respect the rights, privileges, and property of other people. Faculty are required to report to the Office of University Community Standards 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. Further information about most academic matters can be found in the Undergraduate Bulletin, the Undergraduate Class Schedule, and the Faculty-Employee Handbook.