

MAT 200 Logic, Language and Proof

Spring 2019

Instructor.	Zhiqiang Li
Office	Math Tower 4-105
Office Hours	Monday 2 - 4 pm; MLC: Wednesday 1:30 - 2:30 pm
E-Mail	lizq at math .stonybrook .edu

Blackboard.

Grades, homeworks, and some course administration will take place on Blackboard. Please login using your NetID at <http://blackboard.stonybrook.edu>.

Course description

MAT 200 is 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. Prerequisite: Level 4 on the mathematics placement examination or equivalent course or permission of the instructor. Textbook: *An Introduction to Mathematical Reasoning: numbers, sets, and functions*, by Peter J. Eccles.

Syllabus

Please view [here](#).

Written homework

Exams

Midterm: TBA. Location: In class (Library W4530).

Final exam: 5/14 8:30--11:00 pm. Location: TBA.

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Syllabus

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Textbook. Peter J. Eccles., *An Introduction to Mathematical Reasoning: numbers, sets, and functions*.

Exams. There will be a midterm and a final exam. There will be no makeup exams. It is your responsibility to make sure that there will be no conflicts with the final exam.

- Midterm: TBA. Location: In class (Library W4530).
- Final exam: 5/14 8:30–11:00 pm. Location: TBA.

Grade Distribution.

- Written homework: 30%
- Midterm: 30%
- Final exam: 40%

Written homework. There will be a weekly written assignments almost every week. They will be collected and returned during Wednesday lectures. A selected number of questions will be graded in each assignment.

Special needs. 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, or at the following website <http://studentaffairs.stonybrook.edu/dss/index.shtml>. They will determine with you what accommodations, if any, are necessary and appropriate. All information and documentation is confidential.

Academic integrity. Each student must pursue his or her academic goals honestly and be personally accountable for all submitted work. Representing another persons 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/uaa/academicjudiciary>.

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.