AMAT 299: INTRODUCTION TO PROOFS
SYLLABUS - SPRING 2020

Instructor: Prof. Matt Zaremsky
Course meets: MWF 11:30am–12:25pm in ES-108
Course Website: [link]

Office: ES-136A
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1. Textbook

Richard Hammack, Book of Proof (Third Edition) [link]

2. Course description

"Introduction to the methods of higher mathematics, with emphasis on how to read, understand, discover, and write proofs. Topics include basic logic, sets, functions, relations, mathematical induction, countable and uncountable sets, and elementary number theory. This course will require a significant amount of written and oral presentation."

3. Pre- and Co-requisites

Prerequisites: Mathematics major; one of AMAT 113, 119, 214 or 218 with a grade of C or better. Corequisite: UUNL 299.

4. Homework/grading

There will be frequent homeworks and in-class presentations. There will also be midterm exams and a final exam. Grading scheme TBD. No late homework accepted for any reason.

5. Policies

See university policies here (medical excuse policy), here (academic integrity), and the following (absence due to religious observance):

"Instructors must explicitly refer to New York State Education Law (Section 224-A) whereby campuses are required to excuse, without penalty, individual students absent because of religious beliefs, and to provide equivalent opportunities for make-up examinations, study, or work requirements missed because of such absences. Faculty should work directly with students to accommodate religious observances. Students should notify the instructor of record in a timely manner."