Instructor: Éva Czabarka   **Office:** Coliseum 1024D   **e-mail:** czabarka@math.sc.edu
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Office hours: MWF 10:00am – 11:00am AND BY APPOINTMENT
Office hours are tentative at this point; they may change as my meeting schedule for the semester becomes clearer. Any change will be announced on BlackBoard and by e-mail.

Text: Class handouts and notes.

General information: Per university policy appropriate face coverings (covering your nose and mouth) are required in university buildings. Don't come to class if you have Covid-19 (confirmed or suspected). If you suspect you have Covid-19, the university requests that you go through official channels: contact the COVID-19 Student Health Services (SHS) nurse line (803-576-8511), complete the COVID-19 Student Report Form and select the option allowing the Student Ombuds to contact your professors. When talking with the SHS nurse, be sure to ask for documentation of the consult as you will need this to document why you missed class. You will also use the COVID-19 Student Report Form if you have tested positive for COVID-19 or if you have been ordered to quarantine because of close contact with a person who was COVID-19 positive. In each of these situations you will be provided appropriate documentation that can be shared through the Student Report Form. In case we need to change the modality of the class (e.g. to fully online) for an extended period, the number of tests and their total weight might decrease and the homework may have more weight. Should this happen, you will be informed about the changes immediately.

Prerequisites: At least a C in MATH 142 or appropriate placement score

Learning Outcomes: Students successfully completing the course will be able to use basic proof techniques (including mathematical induction), draw logical conclusions. They will be able to think with mathematical rigor. They will be familiar with the concepts of basic set theory and logic, functions. They will be able to prove simple statements about these concepts, and they will be ready for upper level, proof based mathematics courses.

Final Exam: April 27, Wednesday, 12:30 p.m.

Last day to drop/add: Jan 18., Tuesday

Last day to withdraw without a WF: March 28., Monday

ADA: If you have special needs as addressed by the Americans with Disabilities Act and need assistence please notify me as soon as possible so that appropriate arrangements can be made. Contact the Office of Students Disability Services (located on the first floor of LeConte) to register with them if you have not done so already. You need to contact them at least a week prior to each test to arrange for test assistance.

Academic Integrity: Cheating will not be tolerated and will result in an F grade in class. Violations will be reported to the appropriate university office.

Attendance policy: Absence from more than 10 percent of the scheduled class sessions, is excessive. The grade penalty for excessive unexcused absences is 10% off the class grade. You must let the instructor know about your excuse for missing a class as soon as possible – e.g. if you participate in an authorized University activity (such as athletic event in which you play a formal role) you need to make it known as soon as this information becomes available. If you fail to inform your instructor in reasonable time about your excuse, this will make it unacceptable. For example, an e-mail that comes the day before a test about an excuse you have known a month in advance renders your excuse unacceptable.

Homework may be either hand-in or to-do. Only the hand-in assignments will be graded (they may be graded only partially); the to-do homework is for your practice. Homework will be posted on BlackBoard – if you do not know how to get to the course website on BlackBoard, you need to see me immediately! You are allowed to discuss homework problems with each other but you must write up your solution yourself. Homework is due in the beginning of class. If you are unable to come to class that day, you may send it in with someone or e-mail it to me (do make sure the digital copy is readable). NO LATE HOMEWORK IS ACCEPTED FOR ANY REASON. The lowest 2 homework scores will be dropped, and the average of the remaining homework will be computed for your homework grade on the course.

Quizzes will be given regularly and they will be UNANNOUNCED. The lowest 15% of the quiz grades will be dropped before computing your quiz average, thus NO MAKEUP QUIZ IS GIVEN FOR ANY REASON.

There will be will be 3 **midterms** (announced at least a week before the exam). The **final exam** will be cumulative. If you miss a test with an acceptable reason, your grade on the appropriate portion of the final will replace the test grade; otherwise you will get a 0.

Your overall grade will be computed as follows: 20% is the homework grade, 15% is the quiz grade, 15% is each midterm, 20% is the final.

Graduate credit: If you are taking this course for graduate credit, notify me immediately. In that case 90% of your grade will come from quizzes, tests, homework (rescaled according to the scaling above) and 10% of the grade will be from a project that we discuss and agree upon. The project will be substantial, so you must talk to me ASAP!

The grades will be assigned according to the following scale:

A:	90%-100%	B+:	86%-89%	B:	80%-85%	C+:	76%-79%
C:	70%-75%	D+:	66%-69%	D:	60%-65%	F :	BELOW 60%

If you need help, see me. If the regular office hours do not fit you, set up an appointment. If you have a quick question and can not find me, you may also try the math tutoring center. The math tutoring center is a free tutoring service staffed with graduate students to help with questions about 100-level courses; but when they are not busy with 100-level students, they help with other questions as well. Their schedule will be posted at the following link: https://sc.edu/study/colleges_schools/artsandsciences/mathematics/study/tutoring/index.php. You are strongly encouraged to form study/disciussion groups, be safe if you meet in person. Make sure you do not fall behind!