

**Introduction to Modern
Mathematics
3233-201
Spring 2022**

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Text: There is no required textbook to purchase for this course. Instead we will loosely be following the text "Book of Proof" third edition by Richard Hammack. This is available on-line for free at the following URL: open.umn.edu/opentextbooks/book-of-proof. There are several other resources that are freely available on the web. Check with me if you would like more resources.

Credit Hours: 3 undergraduate hours

Reading: It is very important in this class to keep up with the material. Please come to class prepared each day. It will help if you read each section prior to coming to class. At the end of each section there are exercises, these should be used as a good way to study for quizzes that we will have during the semester. In addition to quizzes we will also have assignments that I will hand out during the semester, these assignments will have a very specific format that you will need to follow.

Quizzes: Throughout the semester we will have quizzes. Most of them will be announced prior, however some may not be announced. There will be no make-up quizzes. Please be prepared to take a quiz every class period. These quizzes will be similar in nature to the questions in the text. All the quizzes will constitute 100 pts in your final grade.

Homework: In addition to quizzes, we will have several assignments that I will hand out. Each of these assignments will have a specific structure that must be followed. Details on the structure of your homework will be given in class. Some assignments will be handed in and others you will be asked to present your solutions to the class. This course will develop your proof writing skills, hence it will be necessary to practice this process. In order to facilitate this knowledge one must practice how to read a proof, critique a proof and finally write a proof. The homework will constitute 100 pts in your final grade.

Exams: There will be 3 exams during the semester, each covering the material previously presented in class. Each exam will be worth 100 points.

Final Exam: The final exam will be comprehensive and will be given during our scheduled final exam time (**Monday, May 2, 8am-10am**). This exam will be worth 150 points.

Grade calculation: Your grade will be based on the total number of points you accumulate during the semester.

		Total points	Letter Grade
Homework	100 points	650-585	A
Quiz	100 points	584-520	B
Exams	300 points	519-455	C
<u>Final Exam</u>	<u>150 points</u>	454-390	D
Total	650 points	Below 390	F

Attendance Policy: Attendance at all classes is expected. On the back of this sheet is a time table for the sections that we will be covering. It is strongly encouraged that you read the sections before we go over them in class.

Students should refer to the current MSU Student Handbook and Activities Calendar for university policies on academic dishonesty, class attendance, student rights and activities. Students with disability must be registered with Disability Support Services before classroom accommodations can be provided.