

Instructor: Dr. Hoffmeister (amhoff@illinois.edu)

Office Hours:

See Moodle for a detailed list of office hours under the “Help” tab. You are welcome to attend any of the office hours, whichever times work best with your schedule. Hours are subject to change, so always check for an announcement on Moodle or Campuswire with the most recent updates.

Welcome to Math 101: Course Description

This course is designed for students in majors that do not specifically require a mathematics course beyond the level of precalculus or business calculus. The focus of the course will be on critical thinking and applications from a contextual standpoint. Topics include proportional reasoning and modeling, functions, logic, consumer math, and probability. Other topics may be covered as time permits. This course does not satisfy the UIUC General Education or UIUC QRI/II requirements.

Text

Discovering Mathematics: A Quantitative Reasoning Approach with WebAssign

By Richard N. Aufmann

ISBN 9780357267684 Cengage Publishing

*You must purchase access to WebAssign for this course. The code is included with the hard copy of the book, if you choose to purchase it from the bookstore. If you prefer the ebook, there is an option to purchase WebAssign access online.

Website

We will be maintaining a course website through Moodle (<https://learn.illinois.edu/>). This site will contain links to general course information and documents, announcements, homework assignments, grades, etc. You can also login to WebAssign from Moodle.

Lecture Information

The lectures will be asynchronous and there will be pre-recorded videos available on our course Moodle page. You are expected to watch these videos each week and read any supplementary material.

Discussion Information

Discussion sections will meet synchronously during your regularly scheduled lecture time on Tuesdays in Zoom (links will be provided on our course Moodle page). You will meet with your assigned TA during this time to work collaboratively with your classmates on worksheets that are designed to help you better understand the concepts presented in the lecture videos. *The discussion meeting times on Tuesday are required.* The discussion worksheet will be available at 7am each Tuesday on our course Moodle page. Your TA will also be available on Thursdays during your discussion meeting time (the Thursday meeting times are not required, but highly recommended). More information is given later in the syllabus regarding your grade for discussion meetings.

Course Communication

We will be using Campuswire as an online discussion forum for course-related questions. You must activate your Campuswire account through the invite sent to your university email. I strongly encourage you to be active in the online discussions and not only post any questions you may have, but also answer questions from your fellow classmates. The instructor and teaching assistants will be monitoring the discussions and will help answer and ask questions, too. My hope is that the discussions on Campuswire will be an effective way for you to communicate with each other and us. If you need to contact your instructor or TA individually, you may post a private note on Campuswire.

Grading

Your grade will be comprised of the following:

Online Homework (WebAssign)	12.5%
Written Homework	10%
Discussion Meetings	12.5%
Hourly Exams	45% (3 @ 15% each)
Final Exam	20%

Your grades for the course will be recorded in the gradebook in WebAssign. The grading scale for the course is given in the table.

Percentage	Grade
98-100	A+
93-97.99	A
90-92.99	A-
87-89.99	B+
83-86.99	B
80-82.99	B-
77-79.99	C+
73-76.99	C
70-72.99	C-
67-69.99	D+
63-66.99	D
60-62.99	D-
0-59.99	F

Online Homework (WebAssign): Homework is assigned most weeks. It is your responsibility to check the assignments in WebAssign and complete them by the due date. Running out of time or experiencing technical difficulties will not be considered valid reasons for missing a deadline. You are encouraged to begin the homework well in advance of the due date. You will receive a 5% bonus on each homework assignment that is completed 24 hours before the deadline.

Written Homework: You will have three written assignments throughout the semester and will be given detailed instructions for each. The purpose of the written homework is to apply concepts learned in lecture and discussion to new problems. I expect that you may struggle with some of the problems and it may take you some time to complete the assignment. It is your responsibility to make sure you understand the concepts covered on the assignments.

You will submit your homework assignments in Moodle. Submission details are available under the “Homework Assignments” tab. Please make sure to submit your homework assignments by the due date listed on each assignment. Late submissions will not be accepted.

Discussion

Your discussion grade is worth 12.5% of your overall course grade. Each discussion section you will have the opportunity to earn 10 points toward your daily grade. The 10 points will be calculated as follows:

- Attendance (5 points): Your attendance during discussion meetings in Zoom is required. You are expected to be on time and stay for the entire class period.
- Participation and Preparation (5 points): You are expected to come to the discussion meetings ready to discuss the course material with your classmates.

There are 15 discussion meetings this semester and you are required to attend 12 of those meetings. The total number of points available for discussion meetings is 120 points. If you choose to attend more than 12 meetings (which I hope that you do!), you will receive 10 extra credit points for each meeting. For example, if you attend and actively participate in each of the 15 discussion meetings this semester, you will earn 150/120 points for this portion of your grade.

Exams

There will be three exams and a comprehensive final exam. Officially excused absences from scheduled exams will either be made up by taking a conflict and/or oral examination on the subject missed (instructor's discretion). You must have prior approval with Dr. Hoffmeister before you can take a conflict exam.

In the event that you may need to miss an exam due to an emergency, you must notify Dr. Hoffmeister by e-mail before the exam. Failure to give notification before the exam will result in a score of zero. No accommodations will be made for unexcused absences and it is completely at my discretion whether or not your absence is deemed excused or if there will be a penalty assessed for your absence from the exam.

The exams will be available in Moodle as a pdf file on the exam dates given below. Your exam must be uploaded in Moodle by the ending time or it will not be accepted. Someone will be available in Zoom during the exam time to answer any questions you may have while taking the exam. Detailed information, including uploading instructions and Zoom link, about each exam will be given on our course Moodle page.

Exam 1	Wednesday, September 23	Covers Appendices and Chapters 1, 2, 3
Exam 2	Wednesday, October 21	Covers Chapters 4, 5, 6
Exam 3	Monday, December 7	Covers Chapters 7, 8, 11
Final Exam	Friday, December 11 (7:00-10:00pm)	

Note: Failure to take the final exam will result in a failing grade for the semester.

Additional Information

- **Academic Integrity**
 - Violations of academic integrity will be taken extremely seriously and will be handled under the procedures of Article I, Part 4 of the Student Code. Cheating or plagiarism in any aspect of the course will result in serious implications. Please see http://studentcode.illinois.edu/article1_part4_1-402.html for more information.
- **Academic Accommodations**
 - To obtain disability-related academic adjustments and/or auxiliary aids, students with disabilities must contact the Disability Resources and Educational Services (DRES) as soon as possible. Contact disability@illinois.edu or visit <https://www.disability.illinois.edu/academic-support/accommodations> for more information. If you are entitled to accommodations sanctioned by DRES, submit your official documentation to your instructor within one week of the beginning of the course to ensure your accommodations are being met.
- **Class Etiquette**
 - The effectiveness of this course is dependent upon the creation of an encouraging and safe classroom environment. Exclusionary, offensive, or harmful speech will not be tolerated and in some cases will be subject to University harassment procedures. We are each responsible for creating a positive and safe environment that allows all students equal respect and comfort. I expect each of you to help establish and maintain an environment where you and your peers can contribute without fear of ridicule or intolerant or offensive language. If your behavior is in any way inappropriate for a class discussion, you will be removed from the post or Zoom meeting.

- **Academic Support**

- I believe you are very capable of learning the course material and want to help you gain an understanding of important topics in the course. In order to be successful in the course, I strongly encourage you to be an active participant in your learning. Here are ways you can do that:
 - Watch and engage in the lecture videos
 - Complete homework assignments in a timely manner
 - Contribute to discussion sessions
 - Study for exams in advance (don't wait until the night before!)
 - Be active in Campuswire
 - Ask questions

If you need any help in the course, please do not hesitate to ask. You are encouraged to seek help sooner rather than later by attending office hours or reaching out to your instructor or TA. It is important that you get help along the way if you don't understand a concept.

I look forward to working with each of you this semester. I am passionate about teaching mathematics and hope we can work together to help you better understand of some mathematical concepts. Please feel free to contact me if you have any questions throughout the semester.

Any changes to the syllabus will be announced on Moodle.

