MTH 197 Fall 2020
Discrete Math for Computer Science

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Office Hours:
Mondays 10:30am-12:00pm
Wednesday 12:00pm-1:00pm
Friday 10:30am-12:00p
or by appointment (just send me an email).
Course Webpage: on Nexus or `http://www.math.union.edu/~marianop/MTH197f20.html`

Text: "Discrete Mathematics with Applications" by Susanna Epp, 5th Edition.

Supplies: TI-83,TI-84 calculator (or similar)

Course Description:
An introduction to fundamental concepts and methods of proof in mathematics and computer science. Topics include elementary logic, functions, relations, sets, and basic combinatorics.

Homework:

- A schedule of assignments will be posted to Nexus. These assignments will not be collected. It is **highly** recommended that students form study groups and work together on homework assignments.

Quizzes:

- A quiz will be due on Monday on Nexus. Each will consist of one or two problems from the previous week's topics and should take about 10-15 minutes to complete. I will also give you an additional 15 minutes to take picture of your work and upload it to Nexus.
- Your lowest quiz will be dropped at the end of the term.
- There are **no make-up quizzes, exams**, unless you have a very good reason. (such as an illness, etc.)

Grades:

Quizzes	Every Monday	20%
Exam 1	Monday, October 5	25%
Exam 2	Monday November 2	25%
Final Exam	TBA	30%

Tentative Schedule:
See Nexus for a complete Tentative Schedule for the topics to be covered in the course.

Academic Integrity:
Integrity is a crucial part of the academic experience. Your matriculation at Union College is taken to signify an implicit agreement with the Academic Honor Code, available at honorcode.union.edu. It is your responsibility to ensure that submitted work, including quizzes and exams, is your own and does not involve any form of academic misconduct. You are expected to ask me for clarification regarding, but not limited to, collaboration, citations, and plagiarism. Ignorance is not an excuse for breaching academic integrity. Cheating can result in one or more of the following: a score of zero on the assignment; a grade of F in the course; expulsion from the College and/or any subsidiary programs.

What the Honor Code means for this course: The course grade is determined solely on the basis of a Nexus quiz, 2 tests, and the final exam. The expected conduct during quizzes, tests and the final exam is to keep your eyes on your own work, no internet use or outside help, and not copy from anyone else. You may not use any materials that could help you unless explicitly given permission. Pencils, a calculator (up to a Ti-84), and an eraser are the only tools you may bring to the quizzes/tests/final exam. Cell phones must remain off and in your bags. As for the uncollected homework, you may and encouraged to collaborate with others who are currently in MTH 197 and/or seek my help during office hours.

For Nexus quizzes only, you may consult your own work done for Homework. Other than your Homework, you may not use any other source for the Nexus quizzes.

Note to the Student:
Learning mathematics takes time and consistent effort. Regular class attendance, completing homework assignments, and reading class notes/textbook before every class is essential for success in this course for most students. Please, never hesitate to seek extra help when you need it.

Students often don't know how to study for math classes. My best advice is to use your book! Read the book. The book has worked out problems with detailed solutions with explanations of all key concepts. You don't read math books like a novel. The way you read a math book is with a pencil and paper. While reading an example in the textbook, you should be attempting the problem by yourself as you read it. I guarantee you that if you do this, you will do very well in any math class you take.

Special accommodations: Union College facilitates the implementation of reasonable accommodations, including resources and services, for students with disabilities, chronic medical conditions and temporary disabilities resulting in difficulties accessing learning opportunities. All students needing services must first register with Accommodative Services located in Reamer 303; please do so within first week of the term. If you qualify for special arrangements on exams, it is *your* responsibility to reach out to me for planning these arrangements at latest 48 hours before each exam.

If you are quarantined or isolated for COVID-19-related reasons, I will be notified by the Dean of Students Office that you may require flexibility with regard to your participation in this course. Your responsibility will be to contact me as soon as you are able so that we can discuss your needs. If you are not able to keep up with the course in real time, I will make arrangements to provide you with material missed from classes.