

Rochester Institute of Technology  
Math 200  
Discrete Mathematics and Introduction to Proofs  
Course Syllabus – Spring 2004



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**Professor:** Darren A. Narayan, Ph.D.

**Email:** dansma@rit.edu

**Office Hours (Zoom):** M 4:00 – 5:00, W 1:00-2:00

Additional times are available by appointment.

**Course Website:** <http://mycourses.rit.edu>

**Class Times and Locations**

Lecture T,R 9:30-10:55.

CAR – 11:50

You are also assigned a recitation section with our teaching assistant Rachel Hawks

**General Information**

Welcome to Discrete Mathematics and Introduction to Proofs! Discrete Mathematics is a powerful area of mathematics with connections to many areas including computer science, chemistry, biology, engineering, and many others. My goal is to help you further your mathematical knowledge, improve your problem solving abilities and your proficiency in pattern recognition. Furthermore, this class will have a focus on writing and communicating proof, which are formal arguments. I hope you will be enlightened by the many powerful real-life applications of Discrete Mathematics!

**Required Textbook / Electronic Access**

The course textbook can be obtained for free at the following link:

<https://link-springer-com.ezproxy.rit.edu/book/10.1007/978-1-4419-7127-2>

You will need to enter your RIT Username and Password, as it is one of RIT's digital subscriptions.

**Attendance**

Attendance is mandatory. We will have worksheets in every lecture. There is a strong correlation between students that regularly attend lecture and students that do well in this course. I want to see you do well, so I want you to be in class. If you are absent, it will be your responsibility to contact me (or a classmate) to find out about any work that you may have missed. Slides from lecture will be posted on mycourses after class.

**\* If you test positive for COVID be sure to report it to the Student Health Center. This way your professors can be notified.**

Absences due to illness will require documentation from a physician or health center in order to be counted as excused and when appropriate, documentation may be requested for other reasons to help determine how the excuse should be counted. Absences are counted as unexcused unless changed by the instructor. Major excuses such as family emergencies, or similar situations will be handled on a case-by-case basis.

### **In – class Worksheets (Active learning)**

To help you learn the material, we will have worksheets in lecture, which you can work on in small groups.

### **Homework Assignments**

There will be several homework assignments that will be assigned on MyCourses. Late homework may be limited to a grade of 50%. Homework assignments will not be accepted after the solutions have been posted.

### **Quizzes**

Quizzes will be given weekly on weeks we do not have exams. There will be no make-up quizzes, but seeing that many students often miss one quiz, your lowest quiz will be dropped.

### **Examinations**

There will be three mid-term examinations on 2/8, 3/8, and 4/15. The final examination will be held during finals week as set by the registrar. Departmental policy does not permit a final examination to be given before the time scheduled by the registrar. Please keep this in mind when scheduling travel plans.

### **Grades**

Grades will be posted online throughout the semester. Your grade will be determined by your performance on problem sets on homework assignments (20%), Worksheets (5%), quizzes (10%), three “in-class” exam(s) (15% each), and a final examination (20%). The following scale will be used as a guide.

A 93-100%; A- 90-92%; B+ 88-89%; B 83-87%; B- 80-82%; C+ 78-79%; C 73-77%; C- 70-72%; D 60-69%; <60% F

### **Academic Honesty and Integrity**

All students are expected to adhere to the RIT Honor Code and the RIT Academic Honesty Policy.

### **Additional information**

Be sure to check the course website at <http://mycourses.rit.edu> and your RIT email for course announcements. If you use another email address such as *gmail*, *hotmail*, *yahoo*, etc, please arrange to have mail sent to your RIT email account automatically forwarded to the address that you read regularly.

RIT is committed to providing a safe learning environment, free of harassment and discrimination as articulated in our university policies located on RIT's governance website. RIT's policies require faculty to share information about incidents of gender based discrimination and harassment with RIT's Title IX coordinator or deputy coordinators, regardless whether the incidents are stated to them in person or shared by students as part of their coursework. If you have a concern related to gender-based discrimination and/or harassment and prefer to have a confidential discussion, assistance is available from one of RIT's confidential resources on campus

The academic demands in this course and your other classes can be understandably difficult. It is normal to feel anxious about your academic ability, especially when unexpected life events emerge. I want to invite you to connect with me about any difficulties you have in this course as soon as possible. Your success is important. I want you to get the additional assistance needed before the challenges become too much.

If you have any other questions regarding this course, please do not hesitate to ask. Good luck!

- Professor Narayan