

SYLLABUS
DISCRETE MATHEMATICS
MATHEMATICS 3336
Spring 2021

This section of this course will be delivered entirely online. Students will need an account on [CourseWare\(CASA\)](#). Students should check their email daily for course information and instructions.

Instructor: Dr. Philip W. Walker
Office Hours: Questions answered by email sent to pwalker4@uh.edu
Conferences online by appointment
Web Site: <http://www.math.uh.edu/~pwalker>
E-mail Address pwalker4@uh.edu

Prerequisite: Math 2331 – Linear Algebra.

Text: *Discrete Mathematics and Its Applications*, 8th edition
By Kenneth H. Rosen

Topics: Course content will be chosen from the following topics.

The Foundations: Logic and Proofs
Basic Structures: Sets, Functions, Sequences, and Sums
Number Theory and Cryptography
Induction and Recursion
Counting
Advanced Counting Techniques
Relations
Graphs
The Real Number System

Grading:	Graded homework and quizzes	20%
	Exam I	25%
	Exam II	25%
	Final Exam	30%

Exam Schedule:

Exam I	Tuesday, March 2, 7:00 pm - 9:00 pm
Exam II	Monday, April 5, 7:00 pm - 9:00 pm

Final Exam Tuesday, May 4, 7:00 pm - 10:00 pm
All exams will be administered online.

Excused Absence Policy (University Policy)

Regular class attendance, participation, and engagement in coursework are important contributors to student success. Absences may be excused as provided in the University of Houston [Undergraduate Excused Absence Policy](#) for reasons including: medical illness of student or close relative, death of a close family member, legal or government proceeding that a student is obligated to attend, recognized professional and educational activities where the student is presenting, and University-sponsored activity or athletic competition. . Under these policies, students with excused absences will be provided with an opportunity to make up any quiz, exam or other work that contributes to the course grade or a satisfactory alternative. Please read the full policy for details regarding reasons for excused absences, the approval process, and extended absences. Additional policies address absences related to [military service](#), [religious holy days](#), [pregnancy and related conditions](#), and [disability](#).

Recording of Class (University Policy)

Students may not record all or part of class, livestream all or part of class, or make/distribute screen captures, without advanced written consent of the instructor. If you have or think you may have a disability such that you need to record class-related activities, please contact the [Center for Students with DisABILITIES](#). If you have an accommodation to record class-related activities, those recordings may not be shared with any other student, whether in this course or not, or with any other person or on any other platform. Classes may be recorded by the instructor. Students may use instructor's recordings for their own studying and notetaking. Instructor's recordings are not authorized to be shared with *anyone* without the prior written approval of the instructor. Failure to comply with requirements regarding recordings will result in a disciplinary referral to the Dean of Students Office and may result in disciplinary action.

Syllabus Changes

Due to the changing nature of the COVID-19 pandemic, please note that the instructor may need to make modifications to the course syllabus and may do so at any time. Notice of such changes will be announced as quickly as possible through email.

Resources for Online Learning

The University of Houston is committed to student success, and provides information to optimize the online learning experience through our [Power-On](#) website. Please visit this website for a comprehensive set of resources, tools, and tips including: obtaining access to the internet, AccessUH, and Blackboard; requesting a laptop through the Laptop

Loaner Program; using your smartphone as a webcam; and downloading Microsoft Office 365 at no cost. For questions or assistance contact UHOnline@uh.edu.

UH Email

Email communications related to this course will be sent to your [Exchange email account](#) which each University of Houston student receives. The Exchange mail server can be accessed via Outlook, which provides a single location for organizing and managing day-to-day information, from email and calendars to contacts and task lists. Exchange email accounts can be accessed by logging into Office 365 with your CougarNet credentials or through AccessUH. Additional assistance can be found at the [Get Help](#) page.

Webcams

Access to a webcam is required for students in this course. If instructed, webcams must be turned on during exams to ensure the academic integrity of exam administration.

Honor Code Statement

Students may be asked to sign an honor code statement as part of their submission of any graded work including but not limited to projects, quizzes, and exams: *"I understand and agree to abide by the provisions in the [University of Houston Undergraduate Academic Honesty Policy](#). I understand that academic honesty is taken very seriously and, in the cases of violations, penalties may include suspension or expulsion from the University of Houston."*

CAPS Counseling and Psychological Services (CAPS) can help students who are having difficulties managing stress, adjusting to college, or feeling sad and hopeless. You can reach CAPS (www.uh.edu/caps) by calling 713-743-5454 during and after business hours for routine appointments or if you or someone you know is in crisis. Also, there is no appointment necessary for the "Let's Talk" program, which is a drop-in consultation service at convenient locations and hours around campus. http://www.uh.edu/caps/outreach/lets_talk.html.

Helpful Information (Links provided by the University)

COVID-19 Updates: <https://uh.edu/covid-19/>

Coogs Care: <https://www.uh.edu/dsaes/coogscare/>

Laptop Checkout Requests: <https://www.uh.edu/infotech/about/planning/off-campus/index.php#do-you-need-a-laptop>

Health FAQs: <https://uh.edu/covid-19/faq/health-wellness-prevention-faqs/>

Student Health Center: <https://uh.edu/class/english/lcc/current-students/student-health-center/index.php>