

SYLLABUS
DISCRETE STRUCTURES (MATH 61)
SUMMER 2018

GENERAL INFORMATION

- **Lectures:** Monday, Tuesday, Wednesday 1:00-2:50 PM at HAINES 220.
- **Instructor:** Omprakash Das, Email: das@math.ucla.edu.
- **Office Hours:** Monday, Wednesday 4:00-5:00 PM or by appointment at my office MS 6617F.
- **Course Webpage:** <https://www.math.ucla.edu/~das/61.2.18sum>
- **TA:** Madeline Barnicle, Email: barnicle@math.ucla.edu.
- **TA Meetings:** Tuesday and Thursday, 10:00-10:50 AM and 11:00-11:50 AM at Boelter 5420.

COURSE STRUCTURE

- **Textbook:** *R. Johnsonbaugh, Discrete Mathematics (New 8th Edition- Textbook site), Prentice-Hall*. Outline update: I. Neeman 7/12.
- **Course Outline:** Math 61 has two goals— one is the introduction of certain basic mathematical concepts, such as equivalence relations, graphs, and trees. The other goal is to introduce non-mathematicians to abstraction and rigor in mathematics.. For more detailed description of the course and tentative lecture schedule follow this link: .
We will cover Sections 2, 3, 6, 7, 8 and 9 of the textbook.
- **Homework:**
 - There will be **weekly Homework** due on **Thursday** at the TA discussion session.
 - Homework problems will be posted regularly on the [Course Webpage](#).
 - **Collaboration:** Collaborating on homework is not only allowed but encouraged for this class. However you must abide by the following rules of collaboration:
 - * The **First Rule of Collaboration** (on contrary to the first rule of ‘Fight Club’) is, you must talk about your collaborators, i.e., you must acknowledge your collaborators in your homework.
 - * Make sure you understand how a particular problem is being solved. Don’t just copy solutions from your friends, discuss among yourselves about possible strategies on how to solve a particular problem and exchange ideas.
 - * Finally, **write the solutions in your own word, do not copy word for word answer from someone else’s solution, that will be considered as CHEATING.**
 - * No collaboration is allowed for the midterms and the final exam.

– There will be NO makeup or Late homework accepted.

- **Exams:** There will be one Midterms (1 hour) and one cumulative/comprehensive Final exam (2 hours).
- There will be No make up Exams.
- **If you do not take the Final Exam, you will get an ‘F’.**
- Your homework and exam grades will be posted regularly on the myUCLA Gradebook.
- **Laptops and Cell Phones:** Use of Laptops, Cell Phones or any type of electronic gadgets is strictly prohibited during the lecture. In case of an emergency please take your ‘conversation’ out of the class.

GRADING

- **Grading Policy:** Grades will be assigned based on the following scheme:

15% Homework + 35% Midterm + 50% Final Exam

or

- **Curving:** At the end of the quarter, the final weighted scores will be curved appropriately to match the following statistics:
28% A (including A^+ , A and A^-), 35% B (including B^+ , B and B^-), and 28% C (including C^+ , C and C^-).

EXAMS

- **Exam Dates:**
 - Midterm: Wednesday, July 11, 1:00-2:00 PM.
 - Final Exam (Cumulative/comprehensive): Wednesday, August 1, 1:00-2:00 PM.
- **Location:** Midterm will take place in our regular lecture room. Location for the final exam will be announced later.
- **Important Note:** If you believe a problem on homework or exam has been graded incorrectly, or that your score was not correctly recorded in the MyUCLA gradebook, you must bring this to the attention of the instructor within 7 calendar days of the due date of the assignment in question, or the date of the exam, and before the date of the final exam. Grading complaints not initiated within this period of time will not be considered. Please verify in a timely manner that your scores are correctly recorded on MyUCLA.