

	Course-Instructor	TA1	TA2	TA3
Name:	Ratnesh Kumar	Yu Jie	Mathew Mallett	Hao Ren
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Texts:

1. *Discrete Mathematics and Its Application*, by K. H. Rosen, McGraw Hill, 7th Edition, 2012.

Course Description:

1. Logic and Proofs (Chapter 1)
2. Sets, Functions, Sequences, Sums (Chapter 2)
3. Induction and Recursion (Chapter 4)
4. Algorithms, Integers (Chapter 3)
5. Graphs (Chapter 9)
6. Counting (Chapter 5, Time permitting)
7. Trees (Chapter 10, Time permitting)
8. Modeling Computations (Chapter 12, Time permitting)

Grading Scheme:

- There will be two in class midterm exams; the dates will be announced later. There will be one final exam that will be comprehensive. Make-up exams will be given only for unanticipated events (medical, emergency travel, etc.); adequate documentation should be provided to the instructor.
- Home works will be assigned on a weekly basis. They will be due a week later (on a Thursday). No late submission will be allowed unless a prior arrangement has been made. TA will grade the home works, so please contact your TA for questions regarding your home work grades. TA will post the home work solutions on the course web.
- There will be a certain number of short quizzes given in the class.
- The overall distribution of grades is obtained as:

Homeworks:	15%
Quizzes:	10%
Midterms:	40%
Final Exam:	35%
Total:	<u>100%</u>

- Final letter grade will be assigned based on class score distribution with average = B^- , and $\leq 45 = F$.