CS 441 Discrete Mathematics for CS

Discrete Mathematics for Computer Science

Milos Hauskrecht

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5329 Sennott Square

Course administrivia

Instructor: Milos Hauskrecht

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TAs: Zitao Liu

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Course web page:

http://www.cs.pitt.edu/~milos/courses/cs441/

Course administrivia

Lectures:
- Monday, Wednesday: 11:00 AM - 12:15 PM
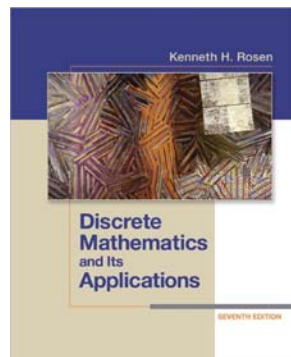- 5129 SENSQ

Recitations:
- held on Wednesdays in 5313 SENSQ
  - **Section 1:** 1:00 – 1:50 PM
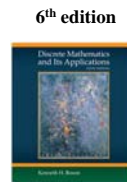 - **Section 2:** 2:00 – 2:50 PM

Course administrivia

Textbook:
- Kenneth H. Rosen. *Discrete Mathematics and Its Applications*, 7th Edition, McGraw Hill, 2012.

Exercises from the book will be given for homework assignments

6th edition

Course administrivia

Grading policy

- **Exams: (60%)**
  - **Midterm 1   20%**
  - **Midterm 2   20%**
  - **Final (cumulative)   20%**

- **Homework assignments: 30%**
- **Lectures/recitations: 10%**

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Weekly homework assignments
- Assigned in class and posted on the course web page
- Due one week later at the beginning of the lecture
- No extension policy

Collaboration policy:
- You may discuss the material covered in the course with your fellow students in order to understand it better
- However, homework assignments should be worked on and written up **individually**

Course administrivia

Course policies:

- Any un-intellectual behavior and cheating on exams, homework assignments, quizzes will be dealt with severely
- If you feel you may have violated the rules speak to us as soon as possible.
- Please make sure you read, understand and abide by the Academic Integrity Code for the Faculty and College of Arts and Sciences.

Course syllabus

Tentative topics:

- **Logic and proofs**
- **Sets**
- **Functions**
- **Integers and modular arithmetic**
- **Sequences and summations**
- **Counting**
- **Probability**
- **Relations**

Course administrivia

Questions