

# **COT3100: Introduction to Discrete Structures**

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# Instructor Contact Info

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- Office: HEC 341
- Office Hours: Tuesday/Thursday 1:00pm – 2:15pm

# Lab Sections / TA Contact Info

- Lab 1: Friday 10:30am - 11:20am in ENG2 105  
Lei Wu  
lwu@cs.ucf.edu
- Lab 2: Friday 11:30am - 12:20am in ENG2 105  
Ramya Pradhan  
ramya.pradhan@knights.ucf.edu
- Lab 3: Friday 2:30pm - 3:20pm in HEC 103  
Raymond Ho  
yiuyuho@gmail.com
- Lab 4: Friday 3:30pm - 4:20pm in HEC 103  
Raymond Ho  
yiuyuho@gmail.com

# Course Webpage / Online Grades

- Course web page:

`http://www.cs.ucf.edu/courses/cot3100/spr2010`

- You can view your grades (homework/first and second midterm exam/final exam) on WebCT.

# Required Textbook

- *Discrete Mathematics and Its Applications*, Kenneth H. Rosen, Sixth Edition, McGrawHill, 2007
- Student's Solution Guide (recommended)

We are going to cover the topics in Chapters 1 – 5 and 8.

# Topics / Chapters

- Chapter 1. The Foundations: Logic and Proofs
- Chapter 2. Basic Structures: Sets, Functions, Sequences, and Sums
- Chapter 3. The Fundamentals: Algorithms, the Integers, and Matrices
- Chapter 4. Induction and Recursion
- Chapter 5. Counting
- Chapter 8. Relations

These topics are important for the CS Foundation Exam.

# Grading I

The final grade will be determined according to the following weighted sum:

- Homework: 20%
- First Midterm Exam: 25%
- Second Midterm Exam: 25%
- Final Exam: 30%

The final exam encompasses **all** topics covered in the course, the midterm exams **only new** topics.

# Grading II

Final grades A, B, C, and F are based on the straight-percentage scale:

- 90% or above is A
- 80% to 89.99% is B
- etc.



# Midterm Exams and Final Exam

- First Midterm Exam: Tuesday 02/09/2010
- Second Midterm Exam: Tuesday 03/23/2010
- Final Exam: see UCF course schedule
- You have to take these exams on these dates (except for legitimate reasons).
- Your TA will return your graded midterm exams to you in your lab section. If you have any questions concerning your graded midterm exam, ask your TA first.
- We will have a meeting in which you will get back your final exam (exact time and location TBA).

# Homework

- New homework will be given every two weeks (on Thursday).
- You have two weeks to complete the homework.
- You have to turn in your homework to your TA at the beginning of your lab section.

- No late homework!!!

If you cannot come to your lab section to turn in your homework, make prior arrangements with your TA.

- Your TA will return the graded homework to you in your lab section. If you have any questions concerning your graded homework, ask your TA first.

# Homework / Golden Rule

- You are allowed to work on the homework problems in study groups. However, you are required to turn in the solutions on your own, and you must never copy the solutions of other students.
- Please read and understand student rights and responsibilities including conduct rules clearly stated in Golden Rule Student Handbook available.

<http://www.goldenrule.sdes.ucf.edu>