Discrete Structures, CISC 1400, R01 (Spring 2017)

Lecture: TF 8:30-9:45, JMH 302,

Instructor: Erli Wind-Andersen

Contact: windandersen@fordham.edu, JMH 422A

Office Hours: TF, 1:00 pm - 2:30 pm, JMH 422A

Textbook:

1. Not free: Fundamentals of Discrete Structures (2nd Edition) by Gary M Weiss (primary)
2. Not free: Sets, Logic and Maths for Computing (Undergraduate Topics in Computer Science) Mar 10, 2012 by David Makinson (primary)
3. Free: `https://people.csail.mit.edu/meyer/mcs.pdf` (supplementary)

Course Description:
Sequences and sets, Logic, Relations, Functions, Counting, Probability, Algorithms (time permitting), Graph theory (time permitting).
Grading:

Homework 30 %, Class Participation/Quiz 10%, Midterm I 20 %, Midterm II 20 %,
Final Examination 20 %

Midterm Policy:
Midterms and the final examination will be taken in class, during the regular lecture period. The vast majority of problems will not require a calculator, those that do will be marked accordingly.

Homework Policy:
Problem sets will arrive in an email. The following procedures will help you organize your thoughts and help the grader evaluate your work. Points will be deducted for failing to meet any of the following criteria.

- Homework will be hand written (or typed, if you're up to it!) on blank letter (8.5 by 11) paper,
- be STAPLED, and, if torn from a notebook, be without fringes.
- Your name and the date are to be given at the top right corner of the page.
- Each problem/solution should stand on its own. The problem at hand should be numbered and stated clearly, and the solution should follow in a logical and ordered fashion.

Important Dates:

- Midterm I: Friday, February 24, 8:30
- Midterm II: Friday, April 18, 8:30
- Final examination: TBD

Disability Statement: Anyone with a documented disability is encouraged to contact the instructor privately and the Office of Disability Services within the first week of class.