CSCI 15000 Discrete Structures

Instructor: Jaime Canizales

May 27, 2021 - July 12, 2021 Summer Session

Class Schedule: Monday to Thursday, 9:50am-11:24am
Text: Epp, Susanna S.; Discrete Mathematics with Applications, Fourth Edition; Brooks/Cole–CENGAGE Learning; 2011; ISBN-13 978-0-495-39132-6
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Office Hours: By appointment.

Course Description:

The successful student will acquire the mathematical foundations needed for later computer science classes such as automata theory, formal languages, cryptography, relational database theory, data structures, etc. She will understand and be able to construct proofs, especially those involving discrete structures. She will demonstrate this mastery by solving problems and supplying proofs during classroom discussion and on written instruments such as home work and quizzes. This class directly supports Departmental Learning Outcomes 1A ("demonstrate an understanding of the basic foundations ... of mathematics and statistics ...") and 1C ("display knowledge of the theory of computation and algorithms").

Grading:

Midterm Exam: 35%   Exam date: 06/21/2021
Final Exam: 35%   Exam date: 07/12/2021
Homework: 30%   Due dates: expect to submit an assignment every Tuesday by 11:59pm, excluding the first Tuesday(06/01/2021).

Exams: There will be one midterm and a final. The first midterm will cover the first five chapters of the textbook. The final will cover chapters five to ten.

Homeworks: There will be five assignments, which will be posted on blackboard. Expect to submit an assignment every Tuesday by 11:59pm, excluding the first Tuesday(06/01/2021). No late homeworks will be accepted because the answers are revealed the next day during recitation.

Recitation: Recitations will be held on **Wednesdays 11:40am-1:14pm**. During recitations we will go over the homework that was due during the week, and any other questions students may have.

Hunter College Official Policies:

Hunter College regards acts of academic dishonesty (e.g., plagiarism, cheating on examinations, obtaining unfair advantage, and falsification of records and official documents) as serious offenses against the values of intellectual honesty. The college is committed to enforcing the CUNY policy on Academic Integrity and will pursue cases of academic dishonesty according to the Hunter College Academic Integrity Procedures.

In compliance with the American Disability Act of 1990 (ADA) and with Section 504 of the Rehabilitation Act of 1973, Hunter College is committed to ensuring educational parity and accommodations for all students with documented disabilities and/or medical conditions. It is recommended that all students with documented disabilities (Emotional, Medical, Physical and/or Learning) consult the Office of AccessABILITY located in Room E1124 to secure necessary academic accommodations. For further information and assistance please call (212-772-4857)/TTY (212-650-3230)

In compliance with the CUNY Policy on Sexual Misconduct, Hunter College reaffirms the prohibition of

any sexual misconduct, which includes sexual violence, sexual harassment, and gender-based harassment retaliation against students, employees, or visitors, as well as certain intimate relationships. Students who have experienced any form of sexual violence on or off campus (including CUNY-sponsored trips and events) are entitled to the rights outlined in the Bill of Rights for Hunter College. a. Sexual Violence: Students are strongly encouraged to immediately report the incident by calling 911, contacting NYPD Special Victims Division Hotline (646-610-7272) or their local police precinct, or contacting the College's Public Safety Office (212-772-4444). b. All Other Forms of Sexual Misconduct: Students are also encouraged to contact the College's Title IX Campus Coordinator, Dean John Rose (jtrose@hunter.cuny.edu or 212-650-3262) or Colleen Barry (colleen.barry@hunter.cuny.edu or 212-772-4534) and seek complimentary services through the Counseling and Wellness Services Office, Hunter East 1123. CUNY Policy on Sexual Misconduct Link: http://www.cuny.edu/about/administration/offices/la/Policy-on-Sexual-Misconduct-12-1-14-with-links.pdf

Note the details of this document are subject to change if the need arises.