Dr. Christina M.D. Zamfirescu   **CSCI 160: Computer Architecture I**

Spring 2019   http://moodle.zamfi.net

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Office Hours: Mo&Th 2:20-2:35 PM&4-4:45 PM, in HN1008C;**Ilana: Fr: 4-5pm in HN1001B**

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Tests and Grading Policy: Two 1.5-hour tests -of max 50 points- *tentatively* scheduled on:

Test 1: March 11, [make-up at the end of the semester; probably May 13],

Test 2: May 9

will be considered in computing your final grade. Homework/projects will be required and collected every class meeting; unannounced quizzes, and possible in-class participation will account for up to 10% (as a "needed" bonus) of the final grade.

The whole material will be divided (by the date of the Test 1) into two parts. The final grade will be assigned according to the sum of the two partial scores (50+50=100(%)), as per Hunter College policy. You will be exempted from a Final Exam. Ask if you have questions.

Textbooks: Recommended only: 1) M. Morris Mano, M. Ciletti: Digital Design, ISBN-9780131989245; 2) M. M. Mano, C. Kime: Logic and Computer Design Fundamentals, Prentice Hall, ISBN-13:198926-X. You may be able to use previous or more recent editions of these texts, as we will discuss only some of the material covered herein, some additional one, and I'll post class notes. However you will have to attend all classes to understand the material!

Objectives: The course will include topics such as: Binary number representations; Boolean algebras and logic gates. Simplification of Boolean functions. NAND and NOR, and other implementations. Combinational logic. Flip-flops, shifting, counters.

This course's objectives will work towards fulfilling of 1:A, B; 2:B; 3:A, C, D of the Computer Science Department's learning goals.

Other policies: You are expected to ATTEND CLASS REGULARLY and NOT TO COME IN LATE, as you are RESPONSIBLE FOR ANY MATERIAL COVERED, whether in this syllabus or not, or ANNOUNCEMENT MADE DURING ANY OF THE CLASSES.

Hunter College regards acts of academic dishonesty (such as 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.

Students wishing to request an Incomplete grade must do so in writing, explaining the reasons, and have at least a C average. Students wishing to request a Credit/Non-Credit grade must have done all required work and have at least a 40 average.

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).

DO WELL IN THIS CLASS!