**Instructor.** Aggelos Kiayias.
Office: ITE Building 243.
Office Hours: Wednesday 5pm - 7pm and by appointment.
Contact Information: http://www.cse.uconn.edu/~akiayias/

**TA.** Shireesh Kumar Thota. Check the web-site of the class for office hours.


**Class Web-site.** (for announcements, hand-outs and other information).
http://www.cse.uconn.edu/~akiayias/cse254fa05/

**Homeworks.** There will be weekly homework assignments. Each student must produce his / her own writeup. Plagiarizing will not be tolerated — do NOT give your full solutions to be copied by other students, you will not receive credit. On the other hand, discussing homeworks and their possible solutions with other students is allowed (but without revealing the writeup of a full solution). Assignments will be due in the first 10 minutes of every THURSDAY. Later than that (e.g., 11 minutes) and no full credit will be given.

**Tests.** There will be two tests: one midterm and one final. These will be all inclusive, closed-books, closed-notes tests.

**Grading.** Homeworks 25%, Midterm 30%, Final 45%

**What is this class.** This is the Discrete-Math course of your Computer Science and Engineering curriculum. Every science and engineering discipline has some branch(es) of mathematics associated with it. For computer science this branch is Discrete-Math.

**What will be covered.** This is a tentative schedule for the 14 weeks of the semester. Note that this is only an outline and it will be amended according to our pace during the semester.

1. Introduction. Notation. Mathematical Induction.
4. Estimates and asymptotic notation.
5. Inclusion/exclusion.
7. Review / Midterm.