CSc 253
Algorithms

Instructor : Fikret Ercal - Office: CS 314, Phone: 341-4857
E-mail & URL : ercal@mst.edu  http://web.mst.edu/~ercal/index.html
Office Hours : Posted on the instructor’s homepage

**If there is no prior notice and the instructor is late for the class,
students are expected to wait ~8 minutes before they leave the classroom.

Grader : see the CS-253 homepage for the name and the e-mail information


Objectives : Design algorithms, analyze algorithms for computational efficiency, space, and correctness, develop strategies for dynamic programming and greedy algorithms, design and study fundamental data structures and algorithms including (but not limited to) heaps, sorting, searching, graph algorithms, hashing, and data compression.

**Chapters to be covered from the textbook: TBA

CLASS POLICIES

- Class notes (in PPT), syllabus, homework assignments, announcements, and other related materials can be accessed either on the class website or the S & T Blackboard. Make sure that you regularly check these sites for announcements and course related materials.

- Students are expected to attend all classes unless they have a reasonable excuse for being absent. Students who have poor performance and their advisors will be notified through the Academic Alert System (http://academicalert.mst.edu/).

- When in class, you are expected to turn off all pagers, phones, and beepers.

- It is assumed that you have taken CS 128 and CS 153 as prerequisites.

- Projects and homeworks must be an individual effort unless stated otherwise. However, you are encouraged to discuss the assignments among each other. Assignments which are unusually similar will receive a zero (0) grade. Page 30 of the S & T Student Academic Regulations handbook (http://registrar.mst.edu/academicregs/index.html) describes the student standard of conduct relative to the System’s Collected Rules and Regulations section 200.010, and offers descriptions of academic dishonesty including cheating, plagiarism or sabotage.

- Any student inquiring about academic accommodations because of a disability will be referred to Disability Support Services (http://dss.mst.edu/) so that appropriate and reasonable accommodative services can be determined and recommended.

- There will be a group project and a presentation on an important topic related to algorithms. Each group will have two students.

- No late homework or project will be accepted. If you are unable to turn in an assignment on time, you must notify me one class before the deadline.

GRADING:

Tests (2 x 220 points), assignments (2 x 100 points), group project report (100 pts), presentation (100 pts).

Letter grades will be assigned as follows:
A (≥86%), B (≥70%), C (≥55%), D (≥40%), F (<40%)