

## Syllabus

### 1 Basic Information

**Credits:** 4 Semester Hours

**Class Meeting Times:**

(Aslam) Monday, Wednesday, Thursday 1:35 p.m. to 2:40 p.m. room 108 WVH

(Fell) Monday, Wednesday, Thursday 10:30 a.m. to 11:35 a.m. room 108 WVH

**Recitation Meeting Times:**

(Aslam/Wang) Tuesday 3:25 p.m. to 4:30 p.m. room 108 WVG

(Fell/Thapa) Tuesday 5:30 p.m. to 6:35 p.m. room 110 WVH

**Prerequisites:** High School Algebra and Precalculus

**Corequisite:** CSU211 Fundamentals of Computer Science

**Who should take the class:** Computer and Information Science freshman who are not currently taking a precalculus course; transfer students who have not yet fulfilled this requirement.

**Books:** There is no required text. Handouts covering the course material will be given out in class and available on the web.

### 2 Teaching Staff

**Professors:**

Javed Aslam - 338 WVH - x8169 - jaa@ccs.neu.edu

Office Hours: Monday 11:30 a.m. - 12:30 p.m., Wednesday 2:40 p.m. - 4:40 p.m.

Harriet Fell - 340 WVH - x2198 - fell@ccs.neu.edu

Office Hours: Tuesday 1:30 p.m. - 2:30 p.m., Thursday 1:30 p.m. - 3:30 p.m.

**Teaching Assistants:**

Bishal Thapa - 208 WVH - x5878 - bthapa@ccs.neu.edu

Office Hours: Wednesday 11:30 a.m. - 1:30 p.m. and 4:30 p.m. - 7:30 p.m.

Ye Wang - 370 WVH - x7127 - yewang@ccs.neu.edu

Office Hours: Monday 2:30 p.m. - 7:30 p.m.

**Peer Tutors:**

Gregory R Elwood - 102 WVH - elwood.g@neu.edu

Office Hours: Monday 12:30 p.m. - 2:30 p.m., Thursday 10:30 a.m. - 12:30 p.m.  
and 3:30 p.m. - 5:30 p.m.

Craig S Kaneshiro - 102 WVH - kaneshiro.c@neu.edu

Office Hours: Thursday 6:00 p.m. - 9:00 p.m., Friday 12:00 p.m. - 3:00 p.m.

All our office hours: <http://www.ccs.neu.edu/course/csu200/CSU200officeHoursF2005.htm>

### 3 Course goals

This course introduces the mathematical structures and methods that form the foundation of computer science. The material will all be motivated by applications from computer science. Students will learn: (1) specific skills, e.g. modular arithmetic, pseudo-code, set notation, . . . ; (2) general knowledge, e.g. counting, proof, and analysis techniques; (3) how to think, e.g. general problem solving techniques.

### 4 Expectations of students

Cheating will not be tolerated. We expect that you will study with friends and often work out problem solutions together but you must write up your own solutions, in your own words. Professors, TAs, and peer tutors will be available to answer questions but will not do your homework for you. One of our course goals is to teach you how to think on your own.

We expect your homework to be neat, organized, and legible. If your handwriting is unreadable, please type. We will NOT accept pages that are ripped from a spiral notebook. Please use 8.5" by 11" loose-leaf or printer paper.

Assignments are expected to be turned in on time. Late assignments will be penalized by 50%. If you have a valid excuse for turning in a late assignment, you should let us know, in writing, in advance. If you are sick at the time of an assignment or exam, let us know as soon as possible so we can make other arrangements.

### 5 Assignments and Exams

There will be on-line homework assignments, written homework assignments, three hour exams, and a cumulative final. Your grade will be computed as follows:

**on-line homework** 10%  
**written homework** 10%  
**hour exams** 45%  
**final exam** 35%