CS-174 Combinatorics and Discrete Probability

Questionnaire Fall 99

Name:

Email:

Phone number:

Major, year (e.g., write "CS 3/4" to mean 3rd year CS major planning to graduate in 4, please don't answer "CS 3/10"):

How likely are you to take this course for credit?

Are you taking this course in order to satisfy a requirement? If so, which requirement?

Have you taken the prerequisite courses, Math-55 and CS-170? If not, state which other relevant courses you have taken.

How do you feel about the following statement? "Math is hard. Let's go shopping!"

[please turn over]

Next to each of the following concepts, write "0" if you have never heard of it, "1" if you have heard of it but are not confident of what it means, and "2" if you think you know what it means:

- Expectation (of a random variable)
- Variance (of a random variable)
- Chebyshev's inequality
- Chernoff bounds
- Universal hash functions
- Inclusion-exclusion principle
- NP-completeness
- Perfect matching
- Randomized algorithm
- Random graph
- Randomized routing
- Fingerprinting
- Monte Carlo experiment
- The probabilistic method
- Zero-knowledge proof