

COSC 440 – Presentations Fall 2012

For this assignment, you and your assigned partner (or partners) will create a 15-minute presentation on a randomly assigned topic. The following is the list of topics (each topic will get two teams):

Quantum Computing – a new computation model?

P vs NP – the work to prove (or disprove) $P = NP$

Randomized Algorithms – why Monte Carlo isn't just a casino.

Dynamic Programming Algorithms – fun with work ahead.

Your presentation should cover a general introduction to the topic, how it relates to theoretical computer science, current results, how it could be applied to real life, and what is possible with this topic. Keep in mind the descriptions above when doing your research, they will have to be discussed as part of your presentation.

During the presentation: Each other group will be required to ask at least one pertinent question of the group presenting as well as fill out a short evaluation of the presentation.

Presentations: Presentations will occur during the week of December 3rd.