

# Math 130—Winter 2010

Instructor: Steve Stein

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## Course Summary

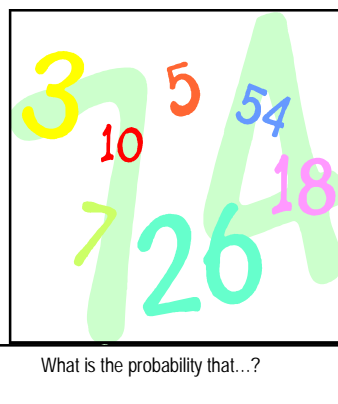
At CWU, Finite math is one of the courses that can be selected to satisfy the *reasoning* requirement for graduation. It is real-world applicable and serves to prepare students for research and statistical courses at a later date.

It has been said that Finite math is *for the information age*. *Finite math courses originated in the 1950's with the common orientation of studying finite, or discrete (between 0 & 1), problems as opposed to the continuous problems investigated in Calculus.*

*Finite Math courses typically include logic, set theory, counting principles, statistics and decision making*

### NECESSITIES:

1. Come to class! Math requires a daily commitment
2. Textbook: *Finite Mathematics, introductory probability & statistics (Owen & Cutlip)*
3. Scientific calculator: should have graphing capabilities. (I will usually use a TI-83+)
4. Participate in class
5. Communicate with the instructor...email, office hours...
6. Take advantage of the Math Learning Center in Hertz Hall. Tutoring is available!



What is the probability that...?

Office hours—

Typically 9:00-10:00

Available upon request

Black Hall 225-35

509.963.2296

## Special Points of interest

- Daily homework is assigned, but not collected. E-mail to me, before class, questions you want completed.
- There will be four tests and a final exam. A 3x5 note card can be used on tests.
- The first four tests can be retaken outside of class (in order to take advantage of this students must demonstrate completion of hw for the chapter! **You must do the work, not just show answers!**) Maximum grade for retake is improvement of two grades (no grade above a B for retakes). No note card for retake.
- Grades based on total points and % (quizzes— ? pts, tests 400 points, and final 150 pts.)
- One test can be dropped by showing completion of all homework (**You must do the work and not just show the answers!**)

### Topic & Chapters

Counting & Probability	6
Adv. Counting & Prob.	7
Random Variables, Distr.	8
Statistics	9
Games & Decisions	10

A few items:

- Within first 2 weeks visit me in my office (< 5 min & can be w/ others in class)— 10 pts—drop off quiz.
- First quiz posted on blackboard— 10 pts.
- Worksheets are posted on Blackboard —pls. bring them daily.
- I will invite the class to my home for dinner (date to be determined)
- If you retake a test or plan on dropping a test at the end of the quarter, then you must show completed HW
- If you are having difficulties, then please schedule a time to get help. I want all of you to succeed!