WELCOME!....
Prof. Adam Chlipala
Prof. Albert R Meyer

Quick Summary
1. Fundamental Concepts of Discrete Mathematics (sets, relations, proof methods,... )
2. Discrete Mathematical Structures (numbers, graphs, trees, counting...)
3. Discrete Probability Theory

Vocabulary
Quickie:
What does “discrete” mean? (≠ “discreet”)
Stellar Web site
• notes, handouts
• class calendar
• course organization
• problem submission

https://stellar.mit.edu/S/course/6/sp15/6.042/

Reading Assignment
Readings & online problems in class calendar on Stellar due starting Friday

MITx site: 6.042r
Register for session assignment by Friday midnight (find link on Stellar) site has videos, slides, online questions

How the Class Works
Active learning in Teams
MWF 1.5 hour sessions: team learning through problem-solving. Teams of 6—8 students with Team Coach.
How the Class Works

- required attendance
- psets due most Fridays
- videos, online problems most days
- 3 midterms, 80 min. each
- comments in Piazza (optional)

Teamwork

The good about teams:
- an efficient way to learn
- fun
- like professional organizations
- learn to communicate
- cope with diversity

...USUALLY

Teamwork

The bad about teams:
- must be there prepared!
- unremitting
  and sometimes:
  - very strong are slowed down
  - very weak left behind
  - deal with unpleasant people

Your team coach will be working to bring out the good and control the bad
(your instructor too)
MITx site: 6.042r

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