Exam 3 Information

• **Time and Location**: 05/07 2:00-3:20pm Talbert 115

• **Topics**:
  1. Definition of discrete and continuous random variables.
  2. Find the distribution table for some classic discrete random experiments.
  3. Expected value and variance of a discrete random variable. Strategies in decision making.
  4. Cumulative distribution functions and probability density functions.
  5. Expected value and variance of a continuous random variable.
  10. Method of Lagrange multiplier.

• **Total points**: 110 points. (At least 70 points similar to lecture notes, homework and practice exam.)

• **Memo**
  Needed: Pen/Pencil, Photo ID.
  Recommended: Non-graphing scientific calculator.
  Not allowed: Textbook, notes, other references.
  You will get in exam: a formula sheet. (Attached. Also available on UBLearns. No need to print it out.)

• **Practice**:
  1. A practice exam is on UBLearns with answer. Full solution will be available on UBLearns Monday 05/04.
  2. Homework coverage: Homework 8 to 13.

• **Remarks**:
  1. If you need any special accommodation, please tell me ASAP.
  2. You need an official excuse if you miss the exam and want to make it up. The makeup exam will be harder than the usual one.