Class Notes

1. Midterm will be held in class **1010-1200, 030417 (Thr)** at A314. You can bring along a calculator and a cheatsheat of size A4 with you. I will explain this part in class. **Be Prepared!**.

2. Material covered (refer to **Content** of the Text): Ch 1, Ch 2 (except §2.6), Ch 4 (except §4.6) , Ch 5 (regarding the distributions, pay your major focus on bernoulli, binomial and normal distribution), Ch 6 (except §6.6, §6.7.) Regarding the functions of random variables, focus on the linear functions of a random variable, say $aX + b$ and mean and sum ($\bar{X}$, $\sum_{i=1}^{n} X_i$) of iid random variables. Ch 7.

3. Topics you should know for this Midterm.

   - Basic numerical summaries, graphical displays. For example, 5-point summary, box-plot, histograms

   - Constructing data sets with certain given values of numerical summaries or graphical displays.

   - Definitions of pdf, pmf. Evalu365summarrcns5blilit27(y)-37arrusng 2he

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