Concepts should have known before taking this course:

- probability distribution, probability density functions, cumulative density functions
- point estimation, confidence intervals
- principle and reasoning of hypothesis testing (test of significance)

To be taught in Lecture 1:

- Histograms
- Quantile plots
- Skewness, Kurtosis
- Cross Tabulation

Homework:

- page 21: Exercise 3, 4, 6, 7, 9
- Use quantile plot and box-and-whisker plot to compare the two distributions of birth weight, born to mothers who smoked during pregnancy and those who didn’t.
- Prepare for Lecture 2: Read Page 27 to 32