AS MATHEMATICS COURSE  
(Offered in AY 2015/16 Semester 1)

Course Code: AAM 332  
Course Title: Statistics II  
Lecturer: Dr Cheang Wai Kwong  
Telephone: 6790 3920  
Email: waikwong.cheang@nie.edu.sg

Course Description:
This course provides a continuation of the statistics course AAM 203. The following topics will be covered:

- Hypothesis testing: one and two samples for means, proportions and variances. Confidence interval for ratio of two variances.
- Chi-square goodness-of-fit tests. Contingency tables: test of homogeneity and test of independence.
- Simple linear regression: least squares estimation and inference (including diagnostic checking).

The relevant textbook chapters are 10 and 11.

Textbook:
OR  

References:


Assessment Mode:  
2 tests and Final Exam.