

National Tsing Hua University
ECON516600 Statistics (1st Semester 2022-2023)

Instructor: CY (Chor-yiu) SIN
TSMC 804, Department of Economics
College of Technology Management
National Tsing Hua University
Tel.: +886-(0)3-516-2134
+886-(0)3-571-5131, Ext. 62134 or Ext. 80695
Fax.: +886-(0)3-562-9805
Email: cysinhkbu@gmail.com or cysin@mx.nthu.edu.tw
Office hours: By appointment

Teaching Assistant: TBA

Lecture Time: 13:20pm - 16:20pm, every Monday (except November 28th)
Venue: TSMC 430
(Absence without prior approval will result in mark deduction.)

Grading Policy:
Attendance and assignment (40%), Mid-term Examination (30%), and
Final Examination (30%)

Schedule for Examinations: TBA
(Failure to attend the examination will result in zero mark.)

Textbooks:

Required: *Statistics for Business and Economics*, by Anderson, Sweeney, Williams, Camm, Cochran, Fry, Ohlmann, Fourteenth Edition, Cengage Learning.
For reference: *Statistics for Managers using Microsoft EXCEL*, by Levine, Stephan, Krehbiel, and Berenson, Fifth Edition, Pearson Education International.

Tentative Syllabus:

1. Descriptive statistics: numerical measures (Chapter 03)
2. Introduction to Probability (Chapter 04)
3. Discrete Probability Distributions (Chapter 05)
4. Continuous Probability Distributions (Chapter 06)
5. Sampling and Sampling Distributions (Chapter 07)
6. Interval Estimation (Chapter 08)
7. Hypothesis Tests (Chapter 09)
8. Inference About Means and Proportions with Two Populations (Chapter 10)

9. Inferences About Population Variances (Chapter 11)
10. Simple Linear Regression (Chapter 13)
11. Multiple Regression (Chapter 14)

Attitude taking this course:

Be humble, careful and simple. Needless to say, be logical.

- End -