

**Carsten Holz**

**SOSC 301B Quantitative Methods in the Social Sciences**

Spring 2006, MWF 15:00 - 15:50, Room 4504

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Course website: <http://teaching.ust.hk/~sosc301b>

Teaching assistant: Raymond Chung

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### **Course objectives**

Introduction to quantitative methods used across social science disciplines, with a focus on linear regression analysis.

### **Requirements and grading**

Grades are based on three examinations and at least eight assignments. The first two examinations each account for 22% of the final grade. The second examination is not cumulative. The third (final) examination is cumulative and accounts for 40% of the final grade.

Assignments earn two percentage points each, up to a maximum of 16% of the final grade. You are free to cooperate with other students in answering the assignments, but everybody must write his/her own answers. You may use statistical software to answer some of the assignments. A print-out of the output of the statistical software is not acceptable as an answer.

Examination schedule:

First exam	6 March (in class)
Second exam	10 April (in class)
Third exam	In examination period, date announced by the university

### **Textbook and lecture schedule**

The textbook is Damodar GUJARATI, *Essentials of Econometrics*, third edition, McGraw-Hill, 2006. We try to cover at least the first fourteen, possibly all sixteen chapters of the book, at a rate of approximately one chapter each week.