

Spring SEMESTER 2009 COURSE OUTLINE

STAT 101-3 (STATISTICS/ACTUARIAL SCIENCE)

INTRODUCTION TO STATISTICS

C100

This is an introductory course in the collection, description, analysis and summary of data, including the concepts of frequency distribution, parameter estimation and hypothesis testing.

The course consists of the following general topics:

1. Exploring and Understanding Data
2. Exploring Relationships Between Variables
3. Gathering Data
4. Randomness and Probability
5. Inference from Data

PREREQUISITE(S): None.

To receive credit for both STAT 100 and STAT 101, STAT 100 must be taken first. Students with credit for ARCH 376, BUEC 232 (formerly 332) or STAT 270 (formerly MATH 272 and 371) may not subsequently receive credit for STAT 101-3. Students with credit for STAT 102, 201, 203 (formerly STAT 103), 301, MATH 101 or 102 may not take STAT 101 for further credit. Intended to be particularly accessible to students who are not specializing in Statistics. Quantitative.

TEXT(S):

Moore, D. (2007). *The Basic Practice of Statistics* (4th ed.). W.H. Freeman.

Note: (Students purchasing a used textbook must ensure that the additional resources are present.)

REQUIREMENTS:	Individual assignments	20%
	Midterm examination	30%
	Final examination	50%

REQUIREMENTS NOTE: Refer to exam schedule on the CODE web site www.sfu.ca/code. Students with exam conflicts may not register for this course. Students requiring accommodations as a result of a disability, must contact the Centre for Students with Disabilities (778-782-3112 or csd_office@sfu.ca). Students who have been away from math for a number of years are cautioned that they are responsible for independently refreshing skills.

DELIVERY MODE: Print

FirstClass Computer Conferencing

(To view computer requirements for this course, go to www.sfu.ca/code, click on "CODE Courses/Outlines," then department name to find the online course outline. Then click on the "computer requirements" link.)

MODE OF DELIVERY NOTE:

Familiarity with basic computing is expected. **Support is not available for general computer problems (e.g. operating system, hardware).** Stat 101 is entirely *online*. There is no face to face interaction. Students are required to have regular access to *FirstClass* for the entire duration of the course and strongly advised to go online in *FirstClass* by end of the third day of classes at *latest*.

SUPPLEMENTARY FEES:	Course materials and service fee	\$40.00
	Deposit for additional materials	\$0.00

Note: Every distance course includes a CODE package containing assignment deadlines and other information. Please pick it up at the Centre or ask that it be mailed when registering on goSFU.

***FirstClass* Computer Requirements**

This course requires active online participation in *FirstClass* (an online computer conferencing tool).

On-campus computer facilities are available. If you are using your own computer, these are the ***minimum* computer requirements**:

Hardware

- PC with *Windows 98, ME, 2000/NT, XP, or Vista* **OR** Mac with *System 9.x* or later
- 128 MB RAM
- 56K baud modem or higher
- CD-ROM drive

Software and Other

- Internet connection and e-mail access
- *FirstClass* software (download information is in your CODE course package)

***FirstClass* Access and Accounts**

- **Access to *FirstClass* begins on the first day of classes.**
- **SFU students:** Use your SFU computing account ID and your SFU student number to log into *FirstClass*. If you don't have an SFU computing ID, [get it online](#).
- **TRU-OL students:** Your *FirstClass* ID and password is your TRU-OL student number.

Connecting to the Internet from Home

- You are responsible for setting up your connection through your own external Internet service provider (ISP) (e.g., Telus, Shaw, etc).

General

- Prior computer knowledge is expected (i.e., ability to save files, install programs, and maintain your computer). Familiarity with the Internet, e-mail, and related applications is strongly recommended.
- Support is not available for general computer problems (e.g., operating system, hardware).

Need Help?

- [FirstClass support](#) or call 778-782-5575.
- [Help](#) with your SFU computing account: or call 778-782-3230, or visit AQ 3148 on the Burnaby campus.