

## Spring SEMESTER 2008 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. *The Basic Practice of Statistics* (4th ed.). W.H. Freeman. (2007).

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

<b>REQUIREMENTS:</b>	Individual assignments	20%
	Midterm examination	30%
	Final examination	50%

**REQUIREMENTS NOTE:** Refer to exam schedule on the CODE web site <<http://www.sfu.ca/cde>>. **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](mailto: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  
(see over for computer requirements)

**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*.

<b>SUPPLEMENTARY FEES:</b>	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.

## Computer Requirements: *FirstClass*

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

### *Software and Other*

- ❑ Internet connection and e-mail access
- ❑ *FirstClass* software (described and provided in your course materials)

### **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, please visit <http://www.sfu.ca/acs/accounts/> for more information.
- **TRU-OL students:** Your *FirstClass* ID and password is your OL student number.

### *Connecting to the Internet from Home*

- You are responsible for setting up your connection, either through SFU or your own external Internet service provider (ISP) (e.g., Telus, Shaw, etc.).
- For information on Internet service available through SFU, please consult the Academic Computing Services (ACS) web site at <http://www.sfu.ca/acs/modems/index.htm>.
- The subsidized modem hours allotted to you (four hours of access per credit hour) may not be sufficient to complete the required course work.
- A voucher system has been implemented to allow students to pay for continued modem access on 604-677-6678 (after your subsidized access is used up). Vouchers may be purchased from campus bookstores in increments of \$20. At 60¢ per hour, each voucher is good for approximately 33 hours. Instructions are included with the voucher. Please go to <http://www.sfu.ca/acs/modems/index.htm> for more information.

### **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 at [help@firstclass.sfu.ca](mailto:help@firstclass.sfu.ca) or 778-782-5575.
- Help with SFU computing accounts at [help@sfu.ca](mailto:help@sfu.ca), 778-782-3230, or visit AQ 3148.