

SUMMER SEMESTER 2006 COURSE OUTLINE
STAT 101-3 (STATISTICS/ACTUARIAL SCIENCE)
INTRODUCTION TO STATISTICS

C100



This is an introductory course to the discipline of Statistics: a way of reasoning, along with a collection of tools and methods, designed to help us understand the world.

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. Tests and examinations are open book and stress conceptual understanding. The course is delivered online so that online participation is a required component of the course.

PREREQUISITE: None. **Note:** To receive credit for both STAT 100 and 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, 203 (formerly STAT 103) 301, MATH 101 or 102 may not take STAT 101 for further credit.

TEXT(S):

De Veaux, R., Velleman, P., and Bock, D. *Intro Stats (2nd ed) (includes Activstats CD)* Addison Wesley (2006).

Or

De Veaux, R. and Velleman, P. *Intro Stats (includes Activstats CD)* Addison Wesley (2004).

Note: (Students purchasing a used textbook must ensure that the CD is present with a functional password).

Students who choose to pick up their Course Materials from the Centre for Online & Distance Education are required to do so by the first day of the semester.

REQUIREMENTS: Participation	10%
Individual assignments	15%
Midterm examination	25%
Final examination	50%

REQUIREMENTS NOTE: See exam schedule online through www.gosfu.ca <<http://www.gosfu.ca>>. **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 (604-291-3112 or csdo@sfu.ca)

DELIVERY MODE: FirstClass Computer Conferencing

MODE OF DELIVERY NOTE: Familiarity with basic computing is expected.

This course is not supported by any face to face interaction.

Students are strongly advised to go online in FirstClass by the end of the third day of classes at the *very 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 or ask that it be mailed when registering on goSFU.

If one or more of these symbols appear at the top of this page, it indicates an equipment requirement:

computer (see over)	CD player	TV (Knowledge Network)
internet access	Audio cassette player	telephone (teleconference)
email	VCR	Last updated: 3/8/2006

1300 West Mall Centre
 Phone: 604-291-3524
 Toll Free in Canada: 1-800-663-1411
 Fax: 604-291-4964
 Web: www.sfu.ca/cde

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

Software & Other

- ❑ Internet connection
- ❑ *FirstClass* software (described and provided in your course materials)
- ❑ Email (e.g. *Eudora, Outlook Express*, or equivalent)

FirstClass Access & Accounts

- **Access to *FirstClass* begins on the first day of classes.**
- **SFU students:** Use your SFU computing account ID and your SFU student # to log into *FirstClass*. If you don't have an SFU computing ID, get it online at <<http://my.sfu.ca>>.
- **OU students:** Your *FirstClass* ID and password is your OU 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: <<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 cents per hour, each voucher is good for approximately 33 hours. Instructions are included with the voucher. See <<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: <help@firstclass.sfu.ca> or 604-291-5575
- Help with SFU computing accounts: <help@sfu.ca>, 604-291-3230, or visit AQ 3148