

## FALL TERM 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

**REQUISITE(S):** None.

To receive credit for both STAT 100 and STAT 101, STAT 100 must be taken first. Intended to be particularly accessible to students who are not specializing in Statistics. 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. Quantitative.

**TEXT(S):**

Moore, D. (2010). *The Basic Practice of Statistics* (5th ed.). W.H. Freeman.

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

<b>REQUIREMENTS:</b>	Assignment 1	5%
	Assignment 2	5%
	Midterm exam	30%
	Assignment 3	5%
	Assignment 4	5%
	Final Exam	50%

**REQUIREMENTS NOTE:** To review the exam schedule go to: [www.sfu.ca/code](http://www.sfu.ca/code). Students with exam conflicts may not register for this course.

Students who have been away from math for a number of years are cautioned that they are responsible for independently refreshing skills.

Students requiring accommodation 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)).

**DELIVERY MODE:** Print  
WebCT

(To view the computer requirements for this course go to [www.sfu.ca/code](http://www.sfu.ca/code), click on "CODE Courses/Outlines," click on the department name, click on the course outline link, and then click on the "computer requirements" link.)

**MODE OF DELIVERY NOTE:**

STAT 101 is entirely *online*. There is no face to face interaction. Students are required to have regular access to *WebCT* for the entire duration of the course.

<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.

## WebCT Computer Requirements

This course requires active online participation in *WebCT* (a web-based course management system).

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

### Hardware

- PC with *Windows NT, 2000, XP, or Vista* **OR** Mac with *OS X 10.1* or later.
- 128 MB of RAM for Windows, 1 GB for Windows Vista (recommended); 128 MB of RAM for Mac OS X, 10.2, 10.3, 256 MB for Mac OS X 10.4.
- 56K baud modem or better
- Sound card, speakers or headphones, microphone (for synchronous courses)

### Software and Other

- Internet connection and e-mail access
- The latest version of [Adobe Flash Player](#)
- Windows Media Player or QuickTime Player. Windows Media Player is standard software on most recent Windows operating systems. Click here for [QuickTime](#).
- The following Web browsers are recommended:

#### PC

*Internet Explorer 6, 7*  
*Firefox 1.5, 2.0*

#### Mac

*Firefox 1.0*  
*Safari 1.3*

For more information about supported Web browsers and Java Virtual Machine visit this [site](#).

### WebCT Access and Accounts

- **Access to *WebCT* begins on the first day of classes.**
- To access *WebCT* go to the [WebCT site](#).
- **SFU students:** Use your SFU computing account ID and password to log into *WebCT*. [Click here](#) for information about how to get your SFU Computing ID.
- **TRU-OL students:** *WebCT* access details will be provided in your CODE course package.

### 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?

- General inquiries: [CODE technical support](#) or call 778-782-5575.
- [WebCT FAQs](#) for students.
- [Help](#) with your SFU computing account or call 778-782-3230, or visit AQ 3148 on the Burnaby campus.