FALL SEMESTER 2005 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.

In the last section of the course, students have a choice of more probability or more inference. Students receive instruction in the use of statistical software to analyze many real-world data sets and also to simulate statistical phenomena. Tests and examinations are open book and stress conceptual understanding. The course is delivered online so that remote participation is feasible. In fact, 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 ARCHr

Centre for Online and Distance Education
Simon Fraser University, West Mall Centre, Room 1300
604-291-3524 or 1-800-663-1411 (within BC)

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	*Software & Other*
PC with *Windows 95* or later **OR** Mac with *System 8.6* or later	Internet connection
10 MB RAM	*FirstClass* software (described and provided in your course materials)
6 MB free disk space	Email (e.g. Eudora, Outlook Express, or equivalent)
28.8-baud modem (56 K or higher is recommended)	
CD ROM drive	

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>**.**

For information on Internet service available thro