TR R ST U T S R S R U V R S T Y

Summer SEMESTER 2008 COURSE OUTLINE

STAT 270-3 (STATISTICS & ACTUARIAL SCIENCE) INTRODUCTION TO PROBABILITY AND STATISTICS

C100

This is one of the first courses in probability and mathematical statistics asic laws of probability sample distributions introduction to statistical applications

This course consists of the following general topics

ntroduction to descriptive statistics

oncepts of probability and tools for calculating probability

iscrete distributions Variables expectations and inomial and Poisson distributions

ontinuous distributions normal gamma and exponential distributions

normal approximation to inomial distribution jointly distributed random variables

or

the central limit theorem

nference Single sample estimation hypothesis testing

nference Two samples normal large samples and paired cases

Prerequisite(s): orequisite s T or

Students wishing an intuitive appreciation of a broad range of statistical strategies may wish

to take ST T first

Quantitative

evore Probability and Statistics for Engineering and the Sciences (th ed (Includes access

REQUIREMENTS NOTE:

Print Web T e ive

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(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:

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.

 1300 West Mall Centre
 Phone: 778.782.3524

 Web: www.sfu.ca/code
 Toll Free in Canada: 1.800.663.1411

 Last updated: 11/2/2007
 Fax: 778.782.4964

WebCT and eLive Computer Requirements

- This course requires active online participation in *WebCT* (a web-based course management system) and *Elluminate Live*, also called *eLive* (an audio-based online conferencing tool).
- Please refer to the "eLive: Getting Started" document in your course package for more information about using eLive in your course.
- 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, ME, NT, XP, or Vista OR Mac with System 9x or later
- 256 MB of RAM for Windows, 128 MB of RAM for OS X, 10.2, 10.3, 256 MB for OS X 10.4
- 56K baud modem or higher
- Sound card with speakers and microphone, or headset
- CD-ROM

Software and Other

- Internet connection and e-mail access
- Supported browsers and <u>JVM for WebCT</u>
- One of the following web browsers:

PC Mac

Internet Explorer 6, 7 Mozilla 1.7.x (*OS X* only)

Netscape 7.2 Firefox 1.0.x (*OS X* only)

Mozilla 1.7.x Safari 1.2, 1.3, 2.x; and 2.x for x86 Intel platform

Firefox 1.0.x, 2.0.x

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*. <u>Click here</u> 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: <u>CODE technical support</u> (WebCT & eLive) or call 778-782-5575.
- <u>eLive FAQs</u> for students.
- WebCT FAQs for students.
- Help with your SFU computing account or call 778-782-3230, or visit AQ 3148 on the Burnaby campus.