

**STATISTICS 100-3  
CHANCE AND DATA ANALYSIS**

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**Spring 2004  
DAY COURSE  
STATISTICS WORKSHOP**

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**This course may be applied to the Certificate of Liberal Arts**

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*Students requiring accommodations as a result of disability, must contact the Centre for Students with Disabilities 604-291-3112 or csdo@sfu.ca*

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**Instructor: DR. B. McNeney  
Lab Instructor: R. INSLEY**

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**Prerequisite:**

None. This course should not be taken by students who have 60 or more credits.

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**Textbook:**

*Statistics A Guide To The Unknown, 3rd edition*, by Tanur, Mosteller, Kruskal, et al., publisher: Duxbury, 1989

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**Calendar Description:**

An Introduction to chance phenomena and data analysis through simulation and real world contexts including, sports, investment, lotteries and environmental issues. Students may not receive credit for both STAT 100 and STAT101.

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**Outline:**

1. Introduction. Basics of Data Analysis. Distributions. Basics of Chance. Simulation. Sports League application.
2. Graphics ? one and two variables. Time Series. Measuring Effects of Social Innovations; Tanur 93-103. Economic Indicators; Tanur227-238. Food Study; Tanur 161-169.
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