

SPRING 2017 - STAT 100 D100

**CHANCE AND DATA ANALYSIS (3)**

Class Number: 4130 Delivery Method: In Person

**COURSE TIMES + LOCATION:**Mo 2:30 PM – 4:20 PM  
SSCC 9001, BurnabyTu 2:30 PM – 3:20 PM  
SSCC 9001, Burnaby**EXAM TIMES + LOCATION:**Apr 11, 2017  
8:30 AM – 11:30 AM  
GYM WEST, BurnabyApr 11, 2017  
8:30 AM – 11:30 AM  
WMC 3260, Burnaby**INSTRUCTOR:**

Gamage Perera

## Description

**CALENDAR DESCRIPTION:**

Chance phenomena and data analysis are studied through simulation and examination of real world contexts including sports, investment, lotteries and environmental issues. Intended to be particularly accessible to students who are not specializing in Statistics. Students with credit for STAT 101, 201, 203, 270 BUEC 232, PSYC 210 or POL 201 will not receive additional credit for this course. Quantitative/Breadth-Science.

**COURSE DETAILS:****This course may be applied to the Certificate in Liberal Arts****Lab Instructor: Marie Loughin****Outline:**

1. Introduction
2. Study Designs
3. Representing Data
4. Using Variability to Understand Probability
5. Answering questions about populations
6. Looking for relationships
7. Models for unknown reality

This will be a concept-oriented course.

## Grading

Assignments

15%

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Midterm 1	20%
Midterm 2	20%
Final Exam	45%

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**NOTES:**

***All grading is subject to change***

**Materials**

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**REQUIRED READING:*****Required Textbook:***

***Statistics: Concepts and Controversies (9th ed.)***, by David S. Moore and William I. Notz. Publisher: W.H. Freeman

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**DEPARTMENT UNDERGRADUATE NOTES:****Students with Disabilities:**

Students requiring accommodations as a result of disability must contact the Centre for Students with Disabilities 778-782-3112 or [csdo@sfu.ca](mailto:csdo@sfu.ca)

**Tutor Requests:**

Students looking for a Tutor should visit <http://www.stat.sfu.ca/teaching/need-a-tutor-.html>. We accept no responsibility for the consequences of any actions taken related to tutors.

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**REGISTRAR NOTES:**

SFU's Academic Integrity web site <http://students.sfu.ca/academicintegrity.html> is filled with information on what is meant by academic dishonesty, where you can find resources to help with your studies and the consequences of cheating. Check out the site for more information and videos that help explain the issues in plain English.

Each student is responsible for his or her conduct as it affects the University community. Academic dishonesty, in whatever form, is ultimately destructive of the values of the University. Furthermore, it is unfair and discouraging to the majority of students who pursue their studies honestly. Scholarly integrity is required of all members of the University. <http://www.sfu.ca/policies/gazette/student/s10-01.html>

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