

FALL 2014 - STAT 100 D900

CHANCE AND DATA ANALYSIS (3)*Delivery Method: In Person***COURSE TIMES + LOCATION:**

Tu 8:30 AM – 10:20 AM

SUR 2600, Surrey

Th 8:30 AM – 9:20 AM

SUR 2600, Surrey

EXAM TIMES + LOCATION:

Dec 8, 2014

12:00 PM – 3:00 PM

SUR 5140, Surrey

Dec 8, 2014

12:00 PM – 3:00 PM

SUR 2600, Surrey

Dec 8, 2014

12:00 PM – 3:00 PM

SUR 2740, Surrey

INSTRUCTOR:

Richard Lockhart

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778-782-3264

Office: SC-K 10549

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 or BUEC 232 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: Robin Insley****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. Top Hat classroom response system will be used; see tophat.com.

Grading

Top Hat Participation	5%
Homework Assignments	10%
Midterm 1	20%
Midterm 2	20%
Final Exam	45%

NOTES:

All grading is subject to change

Materials

REQUIRED READING:

Required Textbook:

Statistics: Concepts and Controversies (8th ed.), by David S. Moore and William I. Notz. Publisher: W.H. Freeman

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

Tutor Requests:

Students looking for a Tutor should send an email to stat@sfu.ca with "Tutor Request" in the subject line. Please only include information that you would like forwarded to our tutors mailing list (contains people external to the University). We accept no responsibility for the consequences of any actions taken related to tutors.

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 <http://www.sfu.ca/outlines.html?2014/fall/stat/100/d900>

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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