SPRING 2019 - STAT 100 D100

CHANCE AND DATA ANALYSIS (3)

Class Number: 3420   Delivery Method: In Person

COURSE TIMES + LOCATION:

Mo 2:30 PM – 4:20 PM
SSCC 9001, Burnaby

We 2:30 PM – 3:20 PM
SSCC 9001, Burnaby

EXAM TIMES + LOCATION:

Apr 18, 2019
12:00 PM – 3:00 PM
GYM CENTRAL, Burnaby

INSTRUCTOR:

Gaitri Yapa
ggy1@sfu.ca
Office: P9317 (Inside P9309)

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 may not obtain credit for STAT 100 if they already have credit for - or are taking concurrently - any upper division STAT 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.

COURSE-LEVEL EDUCATIONAL GOALS:

Grading

Participation	5%
Quizzes	5%
Assignments	10%
Midterm 1	20%
Midterm 2	20%
*Final Exam	40%

NOTES:

There will be no make-up midterms.
* You must pass the final exam in order to pass the course.

Above grading is subject to change

Materials

REQUIRED READING:

Required Textbook:

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

Loose-leaf ISBN: 978-1-4641-9300-2 (available at SFU Bookstore)
Other options are available through the Macmillian Learning website.

i-Clickers will be used in this course and are available through the SFU Bookstore.

DEPARTMENT UNDERGRADUATE NOTES:

Students with Disabilites:
Students requiring accommodations as a result of disability must contact the Centre for Accessible Learning 778-782-3112 or 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.

REGISTRAR NOTES:

SFU's Academic Integrity web site http://www.sfu.ca/students/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

ACADEMIC INTEGRITY: YOUR WORK, YOUR SUCCESS