

FALL 2018 - STAT 100 D100

CHANCE AND DATA ANALYSIS (3)

Class Number: 6260 Delivery Method: In Person

COURSE TIMES + LOCATION:Mo 2:30 PM – 4:20 PM
SSCC 9001, BurnabyWe 2:30 PM – 3:20 PM
SSCC 9001, Burnaby**EXAM TIMES + LOCATION:**Dec 10, 2018
8:30 AM – 11:30 AM
GYM CENTRAL, Burnaby**INSTRUCTOR:**Gamage Perera
gperera@sfu.ca
778.782.9975
Office: SC-K10557

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

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|--------------------|-----|
| Assignment Quizzes | 10% |
| Top Hat Quizzes | 10% |
| Midterm 1 | 15% |
| Midterm 2 | 20% |
| Final Exam | 45% |

NOTES:

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.

DEPARTMENT UNDERGRADUATE NOTES:

Students with Disabilities:

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://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>

ACADEMIC INTEGRITY: YOUR WORK, YOUR SUCCESS