

SPRING 2015 - STAT 101 C100

INTRODUCTION TO STATISTICS (3)*Class Number: 2798 Delivery Method: Distance Education***COURSE TIMES + LOCATION:**

Distance Education

EXAM TIMES + LOCATION:

Mar 4, 2015

7:00 PM – 9:00 PM

AQ 3181, Burnaby

Apr 16, 2015

8:30 AM – 11:30 AM

AQ 3149, Burnaby

Description

CALENDAR DESCRIPTION:

The collection, description, analysis and summary of data, including the concepts of frequency distribution, parameter estimation and hypothesis testing. To receive credit for both STAT 100 and STAT 101, STAT 100 must be taken first. Intended to be particularly accessible to students who are not specializing in Statistics. Students with credit for any of ARCH 376, BUEC 232, STAT 201, 203 or 270 may not subsequently receive credit for STAT 101-3. Quantitative.

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 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

STAT 101 Introduction to Statistics

Spring 2015

Credits: 3

Section: C100

Course Description:

This is an introductory course in the collection, description, analysis and summary of data, including the concepts of frequency distribution, parameter estimation and hypothesis testing. The course consists of the following general topics:

1. Exploring and Understanding Data
2. Exploring Relationships Between Variables
3. Gathering Data
4. Randomness and Probability
5. Inference from Data

Requisite:

None. To receive credit for both STAT 100 and STAT 101, STAT 100 must be taken first. Intended to be particularly accessible to students who are not specializing in Statistics. Students with credit for any of ARCH 376, BUEC 232, STAT 102, 201 (prev. STAT 103), 203, 270 or 301, MATH 101 or 102 may not subsequently receive credit for STAT 101-3. Quantitative.

Textbook:

- Moore, David, Notz, William & Fligner, Michael. *THE BASIC PRACTICE OF STATISTICS*. (6TH ED.) W.H. Freeman

PLEASE NOTE: This Text includes Access to StatsPortal + Online Access to e-textbook. If a Used Text is purchased this software must be purchased separately from the publisher.

Textbook(s) are available for purchase from the SFU Burnaby Bookstore approximately 3 weeks prior to the start of classes, either in person or online through the SFU Bookstore [eService](#).

Course Material:

All Course Materials Available Online on the First Day of Classes.

Fees:

- **Course materials & service fee** \$40.00 CAD

Delivery Method:

- **Canvas**

Delivery Notes:

Please note: Familiarity with basic computing is expected. Support is not available for general computer problems (e.g., operating system, hardware). STAT 101 is entirely online. There is no face to face interaction. Students are required to have regular access to Canvas for the entire duration of the course.

Course Requirements:

Assignment/Exam	Percentage
Four Assignments	15%
Mid-term Exam	15%
Final Exam	70%

Requirements Notes:

Students who have been away from math for a number of years are cautioned that they are responsible for independently refreshing skills.

Student must pass the term components (assignments and midterm) as a necessary condition for passing the course.

Please note: Students requiring accommodation as a result of a disability must contact the Centre for Students with Disabilities at 778-782-3112 or csd_office@sfu.ca.

Students are responsible for following all exam policies and procedures (e.g., missing an exam due to illness) [available here](#).

This course outline was accurate at the time of publication but is subject to change. Please check your course requirements carefully when your class starts.