STAT 101 **Introduction to Statistics**

Summer 2014
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 101, STAT 100 must be taken first. Intended to be particularly accessible to students who are not specializing in Statistics. Students with credit for ARCH 376, BUEC 232 (formerly 332) or STAT 270 (formerly MATH 272 and 371) may not subsequently receive credit for STAT 101-3. Students with credit for STAT 102, 201, 203 (formerly STAT 103), 301, MATH 101 or 102 may not take STAT 101 for further credit. 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 material available online 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
Assignment 1	5%
Assignment 2	5%
Assignment 3	5%
Assignment 4	5%
Mid-term Exam	30%
Final Exam	50%

Requirements Notes:

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

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.