Brief Course Outline

Course Title: **Statistics**

Course Number and Section:

MOS	2242A 551

Instructor Name(s): Federico Pasini

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Disclaimer: Information in the brief course outline is subject to change. The syllabus posted on OWL is the official and authoritative source of information for the course.

Course Description:

The ability to extract useful information from data is one of the most important and marketable skills a student of business can acquire. The purpose of this course is to introduce quantitative decision-making skills, with an emphasis on statistical analysis techniques used in management.
Topics include: descriptive statistics, probability, confidence intervals, hypothesis testing, analysis of variance, correlation and regression analysis, and survey techniques.

Learning Outcomes:

Extrapolate information from data sets and represent it in an informative manner
Calculate descriptive statistics measures as used in business decisions
Quantify the uncertainty associated with a statistical measure and use it to make informed decisions
Set up hypothesis tests to make inferences on the most common statistical parameters
Forecast growth trends and understand the relationships between the different variables of a data set

Textbooks and Course Materials:

Douglas A. Lind, William G. Marchal, Samuel A. Wathen, Carol Ann Waite, Kevin Murphy, Basic Statistics for Business and Economics - 7th
Canadian Edition

Methods Of Evaluation:

Assignment	Due Date mm/dd/yy	Weight - %
Quizzes (OWL) - 4 throughout the term		16
Midterm test	10/28/2024	32
Weekly Excel Exercises		12

Assignment	Due Date mm/dd/yy	Weight - %
Final exam		40

In solidarity with the Anishinaabe, Haudenosaunee, Lūnaapéewak, and Chonnonton peoples on whose traditional treaty and unceded territories this course is shared.

Tuesday, August 20, 2024

Assignment	Due Date mm/dd/yy	Weight - %
Final exam		40