Brief Course Outline

Course Title: Statistics

Course Number and Section: MOS 2242B 550

Instructor Name(s): Federico Pasini
Instructor Email(s): fpasini@uwo.ca

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:

Methods Of Evaluation:

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Due Date mm/dd/yy</th>
<th>Weight - %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Midterm</td>
<td></td>
<td>32</td>
</tr>
<tr>
<td>Online quizzes</td>
<td>throughout the term</td>
<td>16</td>
</tr>
<tr>
<td>Weekly exercises</td>
<td>throughout the term</td>
<td>12</td>
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<tr>
<td>Assignment</td>
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<tr>
<td>Final exam</td>
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In solidarity with the Anishinaabe, Haudenosaunee, Lu’naapéewak, and Chonnonton peoples on whose traditional treaty and unceded territories this course is shared.

Friday, December 8, 2023