

Brief Course Outline

Course Title: **Statistics**

Course Number and Section

MOS

2242B 551

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Disclaimer: Information in the brief course outline is subject to change. The syllabus posted on OWL Brightspace 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: one outcome per entry

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:

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

- \$69 for 180-day eBook rental
- \$99 for lifetime eBook access
- \$129.95 for paper copy
- More information at the publisher's webpage

<https://www.mheducation.ca/product/basic-statistics-for-business-economics-9781260326963-can-group#configurable-product-options-title>

- IMPORTANT: please do not purchase any options with Connect.

Students are welcome to rent, borrow, or purchase second-hand or earlier editions of this textbook.

Additional course materials (e.g. supplementary exercises) will be posted on OWL.

Methods of Evaluation: one assignment per entry

Assignment	Due Date mm/dd/yy	Weight - %
Quizzes (online on OWL - 4 throughout the term)		16
Weekly exercises (online on OWL)		12
Midterm Test (in-person)	02/23/2026	32
Final Exam		40

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

Friday, December 12, 2025

Huron Brief Course Outline

In-course Costs	\$069.00
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For Textbooks and Course Materials (below), you are required to include the cost of each textbook or other learning material.

Note whether there are any restrictions that would prevent a student from using a second-hand copy. Here is some suggested text:

- Required textbook: [author, title, edition, publisher, date]. Cost: [insert amount].
 - Or include the weblink of the textbook's publisher site that includes the cost information.
- Students need to purchase this edition. Second-hand or older editions will not be sufficient.
- OR Students are welcome to purchase second-hand or earlier editions of this textbook.
- This course has an optional field trip that costs [insert amount].
- This course has a required field component that costs [insert amount].