ECONOMICS 2613 WI 01 Empirical Analysis in Business and Economics 1 Winter 2025

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Office Hours:	Tuesdays and Thursdays 11:30 to 1, or by appointment.

Course Description

This course aims to provide an introduction to empirical analysis in Economics and Business making extensive use of Microsoft Excel. Topics include both descriptive and inferential statistics, culminating in hypothesis testing and an introduction to regression analysis.

Textbook (required, available at the bookstore)

Business Statistics: A First Course, by Levine, Szabat and Stephan, 8th edition. (Non-credit practice questions will be assigned from each chapter of the textbook.)

Grading

Final Exam	45% (to be scheduled by the Registrar's office)
Midterm Exam	30% (Wednesday, February 12)
Surprise Quizzes	25%
Assignments	

Note that all quizzes and midterm exam are scheduled during class time. You are allowed to access Excel and Lecture Notes (ppt) during all exams and quizzes.

Missed midterm or quizzes will not be made up for any reason. If you have a legitimate reason for missing a quiz, please speak to me about alternative arrangements.

Special Accommodations

Students who require accommodations to complete coursework or otherwise fully participate in class should contact Accessible Learning Services directly as soon as possible. Please visit Accessible Learning Services website or email them at <u>accessible.learning@acadiau.ca</u> for more information.

Accessible Learning Services is located in Rhodes Hall.

Please note: The last day to drop and receive a W is Friday, March 21.

<u>A Brief Outline of Topics</u>

Introduction

Why Learn Statistics? Data Collection and Presentation Numerical Descriptive Measures

Probability Theory

Basic Probability Concepts Discrete Probability Distributions Normal Distribution

Sampling Distributions

Confidence Interval Estimation

Hypothesis Testing One-Sample Tests

Simple Linear Regression