

Brief Course Outline

Course Title: **Research in Psychology**

Course Number and Section

PSYCHOL

2830A 550

Instructor Name(s): Dr. Tara Dumas

Instructor Email(s): tdumas2@uwo.ca

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:

An advanced treatment of the collection, analysis, and interpretation of behavioural data, reviewing and extending the topics covered in Psychology 1100E; problems in the design and conduct of studies and experiments, operational definitions, experimental control and recording of behaviour, statistical treatment of data, including descriptive and inferential statistics.

Antirequisite: Psychology 2810 or the former 283Y

Prerequisite: at least 60% in Psychology 1100E.

Learning Outcomes: one outcome per entry

By the end of the course students should be able to: choose appropriate statistical tests for data sets,

perform basic descriptive and inferential statistical procedures using hand calculations,

understand the meaning of statistical significance,

and interpret basic statistical software output.

Textbooks and Course Materials:

Foster G. C., et al. (2018). An Introduction to Psychological Statistics

Link to free download: <https://open.umn.edu/opentextbooks/textbooks/an-introduction-to-psychological-statistics>

Note: The textbook is intended to supplement the lectures, not replace them. You are responsible only for material covered in class. The textbook is provided as a resource to clarify lecture content, reinforce your understanding, and review concepts if something from class is unclear. You will not be tested on concepts or statistical tests that appear only in the textbook and are not covered in class.

Methods of Evaluation: one assignment per entry

Assignment	Due Date mm/dd/yy	Weight - %
Quiz 1	09/24/26	2.5
Quiz 2	10/08/26	2.5
Midterm Exam	10/24/26	45
Quiz 3	11/12/26	2.5
Quiz 4	11/26/26	2.5
Final Exam		45

Friday, August 14, 2026

Huron Brief Course Outline 2026/27

In-course Costs \$000.00

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].

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