

## 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 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.

### Learning Outcomes:

- 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>

### Methods Of Evaluation:

Assignment	Due Date mm/dd/yy	Weight - %
Quizzes (4 throughout term)		10
Midterm Exam	10/25/2025	45
Final Exam		45

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

Monday, August 18, 2025