

# Huron Brief Course Outlines

Fall/Winter 2023-2024

**Course Title:** Computers & Research in Psychology

**Course Number and Section**

PSYCHOLOGY

3830F - 550

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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:

This course's topics include: fundamentals of operating microcomputers, use of statistical packages (e.g., SPSS/PC+), interpretation of computer output from univariate and multivariate statistical analyses.

## Learning Outcomes:

- Determine the appropriate statistical test for various types of data in psychology
- Conduct a variety of statistical tests using computer software
- Write an APA-style results section reporting the outcomes of common statistical tests
- Design and conduct an empirical research study

## Textbooks and Course Materials:

Recommended (not required):

- A Field, A. (2018). *Discovering Statistics Using IBM SPSS Statistics*, North American edition (5th ed). Sage: London.

## Methods of Evaluation:

Assignment	Due Date mm/dd/yy	Weight - %
Quiz #1	09/29/23	5
Assignment #1	10/6/23	10
Assignment #2	10/13/23	10
Quiz #2	10/20/23	5
Assignment #3	10/27/23	10
Quiz #3	11/10/23	5
Assignment #4	10/17/23	10
Quiz #4	10/24/23	5

<b>Assignment</b>	<b>Due Date mm/dd/yy</b>	<b>Weight - %</b>
Assignment #5	12/1/23	10
Final Exam	TBD	30

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