

## PSYC 2002 E : INTRODUCTION TO STATISTICS IN PSYCHOLOGY

<b>Instructor</b>	Donna Mailloux
<b>Term</b>	Winter 2026
<b>Course Delivery</b>	Asynchronous online with in person exams
<b>Email Address</b>	<a href="mailto:Donna.mailloux@carleton.ca">Donna.mailloux@carleton.ca</a>
<b>Office Location</b>	Online
<b>Office Hours</b>	TBA

### COURSE DESCRIPTION/INSTRUCTOR'S STATEMENT

This course will introduce students to descriptive and inferential statistics used in psychological research. Descriptive statistics are used to describe the data collected. Inferential statistics are used to determine if the data collected represents a population of interest and whether experimental results are significant and meaningful or simply due to chance. Students will develop the skills to determine which statistics should be used with particular types of data, the ability to compute basic statistical problems, and to interpret the results of statistical findings. The emphasis in this course is on developing critical thinking skills needed to develop an understanding and application of statistics for the behavioral sciences.

### EVALUATION

2 Midterms (80%)

1 assignment (20%)

### TEXT

Gravetter, F.J., Wallnau, L.B., Forzano, L.B., & Witnauer, J.E. (2020) *Essentials of statistics for the behavioral sciences* (10<sup>th</sup> ed.). Older versions are acceptable to use. Some may find the textbook optional.