

## PSYC 2002 C : INTRODUCTION TO STATISTICS IN PSYCHOLOGY

<b>Instructor</b>	Deanna C Whelan
<b>Term</b>	Winter
<b>Email Address</b>	<a href="mailto:Deannawhelan@cunet.carleton.ca">Deannawhelan@cunet.carleton.ca</a>
<b>Office Location</b>	Loeb A825
<b>Office Hours</b>	Tuesdays 12:30pm to 1:30pm (in-person)

### COURSE DESCRIPTION/INSTRUCTORS STATEMENT

PSYC 2002 builds on psychological research methods by linking research designs to the application of different statistical tests. This course will introduce methods for calculating descriptive statistics, discuss probability theory, and connect probability to the larger concept of inferential statistics (using sample data to infer information about a population). Statistical concepts and their application to the analysis of data from the social sciences will be explored. The course will emphasize the logic and fundamentals of statistical reasoning and will introduce students to using statistical software.

### EVALUATION

Grades will be based on a series of small diagnostic assessments, midterms, and a final exam. Students will be eligible for up to a 5% bonus for participating in psychology experiments.

### TEXT

Hartnett, J. (2025). *Psychological Statistics for Everyone*. W. W. Norton. ISBN: 978-1-324-10205-2