

## PSYC 2002 D : INTRODUCTION TO STATISTICS IN PSYCHOLOGY

Course	PSYC 2002 Section D
Instructor	Deanna C Whelan
Term	Winter
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Office Hours	Tuesdays 11am to 12:30pm (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, three in-class tests, and an option final exam. Students will be eligible for up to a 4% bonus for participating in psychology experiments.

### TEXT

Colwell, S. R., & Carter, E. M. (2016). *Introduction to Statistics for the Social Sciences, Custom Edition*. Wiley. ISBN: 978-1-119-30808-9