

PSYC 2002 E : INTRODUCTION TO STATISTICS IN PSYCHOLOGY

Instructor	Donna Mailloux
Term	Winter 2027
Course Delivery	Online asynchronous with in-person assessments
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Office Hours	Online as announced

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 (SUBJECT TO CHANGE)

2 Midterm exams (90%) in person on weekends

1 assignment (10%)

There is no final exam in this class

TEXT

Gravetter, F.J., Wallnau, L.B., Forzano, L.B., & Witnauer, J.E. (2020) *Essentials of statistics for the behavioral sciences* (10th ed.). Older versions are acceptable to use. Some may find the textbook optional and therefore this textbook is NOT mandatory.