

## PSYC 4001 A : PSYCHOPHYSIOLOGICAL METHODS

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<b>Term</b>	Winter 2024
<b>Course Delivery</b>	In Person
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<b>Office Hours</b>	TBA

### COURSE DESCRIPTION/INSTRUCTOR'S STATEMENT

Psychophysiology is the “scientific study of social, psychological, and behavioral phenomena as related to and revealed through physiological principles and events in functional organisms” (Cacioppo, Tassinary, & Berntson, 2017). In this course, you will learn about how activity of the heart, lungs, skin, hormones, and muscles reflect psychological processes. Moreover, you will gain extensive experience with various stages of psychophysiological research (e.g., data collection, data processing, statistical analysis, and writing). You will emerge from this class with advanced and highly-marketable skills that most psychologists typically do not gain until after they have become post-docs or professors.

Students are expected to attend and participate in class; come to class prepared to discuss topics in psychophysiology based on assigned readings.

### EVALUATION

Evaluation is based on a diverse array of assessments, including class exercises, “scoring” of physiological data, quizzes, and a final paper.

### TEXT

Blascovich, James, J., Mendes, Wendy, B., Vanman, Eric, & Dickerson, Sally. *Social Psychophysiology for Social and Personality Psychology*. Sage Publications Inc., 2011.

Stern, R. M., Ray, W. J., & Quigley, K. S. (2001). *Psychophysiological Recording* (2nd Ed.). New York, NY, US: Oxford University Press.

*Note.* These books are freely available as E-Books through MacOdrum library