

PSYC 4128-00X Psychology of Perception Lab

CRN XXXX Time

Place



Professor

Phone

Office

E-mail

Student Hrs

Course Description:

From the catalog: Analysis of basic perceptual phenomena and theories of perception. Emphasis on sensation, attention, meaning and structural concepts. Prerequisite: PSYC 2301 and PSYC 2388 or BIOL 2411. Corequisite: PSYC 4328

This course will provide you with an overview of how people make sense of sensory input – in particular, light and sound. We will compare sensation and perception across a number of domains, including vision, audition, touch, olfaction, and taste, as well as examine some non-human sensory systems such as biosonar and electroreception. Critical to the understanding of sensation and perception is understanding the methodologies and experimental procedures used to examine the issues. This course will explore these methodologies, from traditional measures like psychophysics and signal-detection analysis to newer cognitive neuroscience approaches. We will also discuss disorders and diseases of sensation and perception. Here we will examine peripheral problems (such as damage to the eyes) from central problems (such as damage to the brain) and how these problems differ. We will also consider the myriad ways in which research on sensation and perception has applications in many fields, from medicine to civil engineering to sports.

Required Lab Materials:

- *Textbook (required):* Wolfe, J. M., et al. (2024). *Sensation and Perception* 7th edition. Oxford University Press. ISBN: 9780197663813
- *Handbook (required):* American Psychological Association. (2019). *Publication manual* (7th ed). Washington, DC: Author.

Contact Guidelines:

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Assessment and Evaluation: * indicates group work

Unless otherwise specified, all work will be administered from and turned in through Blackboard. No paper copies will be accepted. All work is to be completed independently.

Lab Participation

Participation in laboratory sessions is assessed through structured evaluation of experimental conduct, engagement in scientific discussions, and completion of data analysis tasks. Assessment criteria emphasize proper experimental technique, thoughtful contribution to scientific discourse, and accurate implementation of analytical procedures. Save a university approved excuse, no late quizzes will be accepted. As the schedule shows, you have 12 scheduled weeks of lab. **Therefore, a student can miss two lab participation experiences without affecting their final grade (for which 10 activities will count).**

Lab Reports

Laboratory reports constitute the primary assessment mechanism in this course. Each report is evaluated using detailed rubrics that specify requirements for all components: Introduction, Methods, Results, and Discussion. These rubrics establish clear expectations for scientific writing, data presentation, statistical analysis, and adherence to APA formatting guidelines. Save a university approved excuse, no late reports will be accepted for grading. As the schedule shows, you

have 12 weeks of labs (not including the midterm week). **Therefore, a student can miss two lab reports without affecting their final grade (for which 10 lab reports will count).**

<i>Course Component</i>	<i>Point Value</i>	<i>Number</i>	<i>Total Points</i>	<i>% of Final Grade</i>
Lab Participation	5	10	50	17%
Lab Reports	25	10	250	83%
Total			Up to 1000	100%

A: 300-270 B: 269.99-230 C: 229.99 – 200 D: 199.99 – 170 F: below 170

See policies and procedures addendum for more university-wide guidance.

See lab schedule in laboratory manual provided in Blackboard.