

# Huron Brief Course Outlines

Fall/Winter 2023-2024

**Course Title:** Method in Sensation and Perception

**Course Number and Section**

PSYCHOLOGY

2130E - 550

**Instructor Name(s):** S. Van Hedger

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Disclaimer: Information in the brief course outline is subject to change. The syllabus posted on OWL is the official and authoritative source of information for the course.

### Course Description:

This course introduces the major research domains within sensation and perception. Perception is our only means of extracting information from the environment, allowing us to experience the discrete objects and events “out in the real world” that drive our behaviour. Throughout the course, we will explore how sensation differs from perception; investigate different theoretical traditions that have attempted to account for perceptual phenomena; survey the methods that are used to study sensation and perception; and trace the functional and anatomical organization of the different sensory modalities, from sensory transduction, through stages of information processing, to perception and action. Course content is divided into lecture and laboratory components, with the latter component providing hands-on experience in conducting research within the field of sensation and perception.

### Learning Outcomes:

Be able to describe the structure and function of our sensory systems
Understand the research methodologies and paradigms used to study sensation and perception
Demonstrate basic proficiency in computer programming tasks relevant to experimental psychology
Refine critical thinking and science communication skills

### Textbooks and Course Materials:

Wolfe, JM et al. 2020. Sensation & Perception, 6th Edition. Sinauer Associates. (Required)

Articles will also be assigned for Wednesday lab sections; however, these will be uploaded to OWL as PDFs.

### Methods of Evaluation:

Assignment	Due Date mm/dd/yy	Weight - %
Participation Reflections	Throughout Course	10
Fall Midterm Exam	10/11/2023	6
Fall Final Exam	TBD (December Exam Period)	12
Winter Midterm Exam	2/7/2024	6

<b>Assignment</b>	<b>Due Date mm/dd/yy</b>	<b>Weight - %</b>
Final Exam	TBD (April Exam Period)	12
Creative Assignment #1	11/12/2023	11
Creative Assignment #2	3/10/2024	11
Article Presentation	Throughout Course	2
Research Project: Progress Checks	Throughout Course	5
Research Project: Group Presentation	12/6/2023	5
Research Project: Fall Term Peer-Self-Evaluation	12/8/2023	3
Research Project: Winter Term Peer-Self-Evaluation	4/8/2024	3
Research Project: Final APA Research Report	4/8/2024	14

In solidarity with the Anishinaabe, Haudenosaunee, Lūnaapéewak, and Chonnonton peoples on whose traditional treaty and unceded territories this course is shared.