

Minnesota State University Moorhead

PSY 360: Sensation and Perception

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: 0

OJT Hours/Week: *.*

Prerequisites:

This course requires the following prerequisite

PSY 113 - General Psychology

Corequisites: None

MnTC Goals: None

This course explores the history of perception research, current conceptual understandings, research techniques, underlying physiological mechanisms, and scientific literature. All human senses will be investigated, including vision, hearing, smell, taste, touch/pain, and others.

B. COURSE EFFECTIVE DATES: 12/01/2019 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. History of perception research
2. Current conceptual understandings
3. Research techniques, scientific literature
4. Vision, hearing, smell, taste, touch/pain, illusions, attention, time and consciousness

D. LEARNING OUTCOMES (General)

1. Understand and discuss the primary theoretical perspectives in perception at an appropriate level of depth.
2. Articulate career paths within the various subfields.
3. Apply critical thinking to application of psychophysics and perception research and methods.
4. Identify major historical figures and methods used in the science of sensation and perception.
5. Identify and differentiate major structures and neural pathways involved in the human senses.
6. Identify and articulate the process of transduction in the majors senses.
7. Identify and articulate the problems facing each perceptual system, and steps taken to solve these problems.
8. Identify changes to sensation and perception throughout the life cycle.
9. Critically evaluate and articulate peer-reviewed literature in the field.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted