PSYC 309 : Cognitive Psychology

A. Course Description

Credits: 4

Prerequisites: PSYC 100 General Psychology or equivalent with instructor's consent.

Lab Hours/ Weeks: Corequisites: None

Lecture Hours/ Week :

MnTC Goals: Goal 03 - Natural Science, Goal LS - Upper Division Liberal Studies

This course covers topics that span the full range of specializations within the field of cognitive psychology; such as attention, learning, memory, thinking and problem solving, decision making, language, intelligence and creativity. Applications of this information to education, business and mental health are provided. This course is well-suited to students interested in education, as well as psychology, and is often preparation for graduate study in psychology or education.

B. Course Effective Dates: 08/01/1998 - 09/05/1999 09/06/1999 - 05/06/2002 05/06/2002 - Present

C. Outline of Major Content Areas:

See Course Description for major content areas.

D. Learning Outcomes (General)

1. Students will be required to demonstrate critical thinking skills necessary to evaluate research on human and animal cognition by providing alternative explanations for various experimental findings.
2. Students will learn about the history of this field as well as current trends regarding human cognition.
3. Students will learn the full range of specializations within the field of cognitive/experimental psychology.
4. Students will learn to apply the knowledge they acquire by conducting experiments in the field of cognition.

E. Learning Outcomes (MN Transfer Curriculum)

Goal 03 - Natural Science

1. Formulate and test hypotheses by performing laboratory, simulation, or field experiments in at least two of the natural science disciplines. One of these experimental components should develop, in greater depth, students' laboratory experience in the collection of data, its statistical and graphical analysis, and an appreciation of its sources of error and uncertainty.
2. Demonstrate understanding of scientific theories.
3. Communicate their experimental findings, analyses, and interpretations both orally and in writing.
4. Evaluate societal issues from a natural science perspective, ask questions about the evidence presented, and make informed judgments about science-related topics and policies.

Goal LS - Upper Division Liberal Studies

None

G. Special Information

None