

# SYLLABUS

---

**Code:** PSYC 227

**Title:** Cognitive Psychology

**Division:** Social Sciences and Education

**Department:** Psychology

**Course Description:** This course introduces the student to the broad-based study of human cognition. Topics include perception, attention, memory, knowledge representation, language, problem solving, thinking, and reasoning. Upon successful completion of the course, students will understand how the world is represented as well as the processes underlying those representations. Real-world implications of laboratory findings will be considered.

**Prerequisites:** A grade of "C" or higher in PSYC 105.

**Corequisites:** none

**Prerequisites or Corequisites:** none

**Credits:**

3

**Lecture Hours:**

3

**Lab/Studio Hours:**

none

---

**REQUIRED TEXTBOOK/MATERIALS:**

1. Goldstein, E. Bruce. (2011). *Cognitive Psychology: Connecting Mind, Research, and Everyday Experience*. 3<sup>rd</sup> ed. Thomas Wadsworth: Belmont, CA.
2. Francis, G, Neath, I, & Van-Horn, D (2011). *CogLab 2.0: Online cognitive psychology laboratory*—(free with purchase of new textbook).

**ADDITIONAL TIME REQUIREMENTS:**

(Identify open lab or other activities that are required): none

**COURSE LEARNING OUTCOMES:**

Upon completion of this course, students will be able to:

- Examine the components of cognitive psychology, including the history of cognitive psychology, and methods cognitive psychologists use to study the mind.
- Differentiate between various cognitive theories.
- Describe the perceptual processes and how they affect cognition.
- Evaluate the strengths of different empirical approaches in studying cognitive psychology and be able to communicate this knowledge both orally and in writing.
- Describe contemporary research in the field of cognitive psychology.
- Take and defend a position on an ethical issue in respect to cognition and the cognitive sciences (e.g., artificial intelligence, eugenics).
- Use technology to identify, collect, and process information; use appropriate library and learning resource tools to access information in reference publications and data bases.

# SYLLABUS

## **GRADING STANDARD:**

**COURSE GRADE:** Grade will be determined by the following:

UNIT I Exam	25%
UNIT II Exam	25%
Final Exam	40%
Research Paper	10%

## **NUMERICAL GRADE CONVERSION:**

A =	93-100%
A- =	92-90
B+ =	89-87
B =	86-83
B- =	82-80
C+ =	79-77
C =	76-70
D =	69-65
F =	Less than 65

## **COURSE CONTENT:**

A History of Cognition and Cultural Conceptualizations of Cognition including:

Cognitive Neuroscience  
Perception  
Attention  
Memory (Short-Term, Long-Term, and Working Memory)  
Memory Errors and Everyday Memory  
Knowledge  
Imagery  
Language  
Reasoning, Problem Solving, Decision Making

Research Methods used in the Scientific Study of Human Cognition

Biological and Cognitive Neuroscientific Foundations

Cultural, Religious, and Political Beliefs

Moral Reasoning and Decision Making

Gender and Issues of Gender within Cognition

Impact of Family Relationships on Cognition

Friends and Peers and Developmental Changes in Cognition

Cognition in School and School Relationships

Cognition in Work and Occupational Decision Making

Effects of Media on Cognition

Problems in Cognitive Resilience

Examining and Analyzing Controversial and Ethical Issues in Cognition

## **DEPARTMENT POLICIES:**

- Attendance is expected and contributes significantly to performance in this course.
- You are responsible for any work done in class that you miss.
- Class will begin and end on time. Lateness or early departure is not acceptable behavior, nor is walking in and out of the classroom during class time. Instructors may penalize such activities.
- Instructors may set a limit on the number of absences allowed. Individual instructor addendums detailing specific attendance policies are to be obtained through the psychology department (MAN 127).
- **During lecture**, periods of class explanation, and when fellow students are speaking to

# SYLLABUS

the class, students are expected to use proper courtesy and refrain from using technologies.

- **ALL Cell Phones and Beepers** must be turned **OFF** during class time.
- Students are not permitted to use CD players or computers, etc... to play music during class time.
- The use of **IRC, AIM** and other instant messaging (chat) programs are not permitted during a class.
- **E-mail** must be professional and well written. As this is a college-level course it is expected that text messages are concise and prepared in full sentence form.
- Any e-mail that does not fully disclose the name of the student will be automatically interpreted as **SPAM** (unwanted junk mail) and be **deleted unopened**.
- Copying and pasting from the internet without a reference as well as purchasing materials online and misrepresenting them as your own work is considered **plagiarism** and is contrary to the BCC student conduct code.

## **COLLEGE POLICIES:**

For information regarding:

- ◆ Brookdale's Academic Integrity Code
- ◆ Student Conduct Code
- ◆ Student Grade Appeal Process

Please refer to the [BCC STUDENT HANDBOOK AND BCC CATALOG](#).

## **NOTIFICATION FOR STUDENTS WITH DISABILITIES:**

Brookdale Community College offers reasonable accommodations and/or services to persons with disabilities. Students with disabilities who wish to self-identify must contact the Disabilities Services Office at 732-224-2730 (voice) or 732-842-4211 (TTY) to provide appropriate documentation of the disability, and request specific accommodations or services. If a student qualifies, reasonable accommodations and/or services, which are appropriate for the college level and are recommended in the documentation, can be approved.

**ADDITIONAL SUPPORT/LABS:** N/A

## **Other Important Contacts:**

Eileen Lengyel (Social Sciences Office Assistant) - Phone: (732) 224-2545, e-mail: [elengyel@brookdalecc.edu](mailto:elengyel@brookdalecc.edu)

Amy Gingold (Psychology Department Learning Assistant) - Phone: (732) 224-2546, e-mail: [agingold@brookdalecc.edu](mailto:agingold@brookdalecc.edu)

*The syllabus is intended to give student guidance in what may be covered during the semester and will be followed as closely as possible. However, the faculty member reserves the right to modify, supplement, and make changes as the need arises.*