PSYCH 11 Course Outline as of Fall 2019

CATALOG INFORMATION

Dept and Nbr: PSYCH 11 Title: INTRO TO COGNITIVE PSYCH
Full Title: Introduction to Cognitive Psychology
Last Reviewed: 5/13/2024

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	3.00	Lecture Scheduled	3.00	17.5	Lecture Scheduled	52.50
Minimum	3.00	Lab Scheduled	0	6	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	3.00		Contact Total	52.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 105.00 Total Student Learning Hours: 157.50

Title 5 Category:	AA Degree Applicable
Grading:	Grade Only
Repeatability:	00 - Two Repeats if Grade was D, F, NC, or NP
Also Listed As:	
Formerly:	

Catalog Description:
This course provides an introduction to the basic concepts of cognitive psychology. Topics include perception, attention, memory, language, and thought. The relation of cognitive psychology to cognitive science and to neuropsychology is also covered.

Prerequisites/Corequisites:

Recommended Preparation:
Eligibility for ENGL 1A or equivalent

Limits on Enrollment:

Schedule of Classes Information:
Description: This course provides an introduction to the basic concepts of cognitive psychology. Topics include perception, attention, memory, language, and thought. The relation of cognitive psychology to cognitive science and to neuropsychology is also covered. (Grade Only)
Prerequisites/Corequisites:
Recommended: Eligibility for ENGL 1A or equivalent
Limits on Enrollment:

Transfer Credit: CSU;UC.
Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	**Area**		Effective:	Inactive:
	D	Social and Behavioral Sciences	Fall 2025	
	L4	Social and Behavioral Sciences		
	D	Social and Behavioral Sciences	Fall 2019	Fall 2025
CSU GE:	**Transfer Area**		Effective:	Inactive:
	D	Social Science	Fall 2019	
	D9	Psychology		
IGETC:	**Transfer Area**		Effective:	Inactive:
	4	Social and Behavioral Science	Fall 2019	
	4I	Psychology		

CSU Transfer:	Transferable	Effective:	Fall 2019	Inactive:
UC Transfer:	Transferable	Effective:	Fall 2019	Inactive:

CID:

Certificate/Major Applicable:
Major Applicable Course

COURSE CONTENT

Student Learning Outcomes:
At the conclusion of this course, the student should be able to:
1. Describe theories, concepts, and research findings in the psychology of learning and cognition.
2. Demonstrate an understanding of research methods in cognitive psychology and the ability to critically evaluate research in this area.

Objectives:
At the conclusion of this course, the student should be able to:
1. Summarize the historical development of cognitive psychology.
2. Describe the organization of basic cognitive functions from an information processing perspective.
3. Explain the relevance of higher cognitive processes for understanding people's behavior in selected areas such as risk assessment, environmental behavior, clinical dysfunction, or therapeutic intervention.
4. Discuss methodologies used in the study of cognition.

Topics and Scope:

I. The Science of the Mind
   A. Historical Research in Cognitive Psychology
   B. The Diversity of Methods
   C. Applying Cognitive Psychology
II. The Neural Basis for Cognition
   A. The Study of the Brain

B. The Cerebral Cortex
C. Brain Cells

III. Visual Perception
A. Form Perception
B. Constancy
C. The Perception of Depth

IV. Recognizing Objects
A. Word Recognition
B. Recognition by Components
C. Holistic Recognition

V. Attention and Consciousness
A. Selective Auditory and Visual Attention
B. Disorders of Visual Attention
C. Multitasking

VI. The Acquisition of Memories and the Working-Memory System
A. Acquisition, Storage, and Retrieval
B. Short-term and Long-term Memory
C. Maintenance and Intentional Learning

VII. Interconnections Between Acquisition and Retrieval
A. Encoding Specificity
B. Different Forms of Memory Testing
C. Implicit Memory and Theoretical Treatments

VIII. Remembering Complex Events
A. Avoiding Memory Errors
B. Forgetting
C. Autobiographical Memory

IX. Concepts and Generic Knowledge
A. Concept Organization in Semantic Memory
B. Organization of Concepts
C. Schemas

X. Language Production
A. Speech Production: Communication
B. Syntax and Sentence Parsing
C. Language and Thought

XI. Visual Knowledge
A. Visual Imagery and the Brain
B. Long-Term Visual Memory

XII. Judgment, Decision Making, and Reasoning
A. Judgment
B. Complex Decision Making
C. Deductive Reasoning

XIII. Problem Solving and Intelligence
A. General Problem-Solving Methods
B. Creativity
C. The Roots of Intelligence

XIV. Conscious Thought, Unconscious Thought
A. Cognitive Unconscious
B. Cognitive Neuroscience of Consciousness
C. Role of Phenomenal Experience

Assignment:

1. Read approximately 35-60 pages per week and discuss assigned material.
2. Essay, term or research paper (1 - 3); a minimum of 1,250 words for the course
3. Oral presentation and/or project (0 - 4)
4. Quizzes (3 - 5), midterm exam (1 - 3) and final exam or project

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Essay, term or research paper	Writing 10 - 35%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

None	Problem solving 0 - 0%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

None	Skill Demonstrations 0 - 0%

Exams: All forms of formal testing, other than skill performance exams.

Quizzes and exams	Exams 65 - 90%

Other: Includes any assessment tools that do not logically fit into the above categories.

Possible oral presentation(s) and/or project(s)	Other Category 0 - 10%

Representative Textbooks and Materials:
Cognition. 9th ed. Matlin, Margaret and Farmer, Thomas. Wiley. 2015

Cognition: Exploring the Science of the Mind. 6th ed, Reisberg, Daniel. W.W. Norton & Company. 2015

Fundamentals of Cognition. 2nd ed. Eysenck, Michael. Taylor & Francis Group. 2012 (classic)