





Course Process: PC 345 Introduction to Human Cognition

I. Catalog Description

PC 345 Introduction to Human Cognition
HUMAN COGNITION

3c-0103sr

Prerequisites: PC 101

This course is designed to provide a survey of cognitive processes. The information presented is

PC 345 INTRODUCTION TO HUMAN COGNITION

III. COURSE OUTLINE

Tentative Schedule of Topics

Approximate Percentage of Time
15%

A. Introduction: Approaches to Cognition

- 1. Behaviorist Tradition
- 2. Information Processing Tradition
- 3. Connectionism

B. Acquiring Information About the World

18%

- 1. Attention
- 2. Perception
- 3. Learning

C. Representation of Knowledge

18%

- 1. Memory Systems
- 2. Memory Processes
- 3. Concepts and Images

D. Language

15%

- 1. Structure of Language
- 2. Language Acquisition
- 3. Comprehension

E. Thinking

18%

- 1. Problem Solving
- 2. Reasoning
- 3. Judgment & Choice

F. Intelligent Behavior

15%

- 1. Models of Human Intelligence
- 2. Becoming an Expert
- 3. Creativity

IV. EVALUATION

Students will be evaluated on the basis of their performance on the following activities: Exams, Out of class assignments, exercises and classroom participation.

Out of Class Assignments: A variety of assignments requiring written products will be made. All assignments are due at the end of class on the dates indicated on the syllabus. Unless special arrangements are made with the instructor prior to the due date, late assignments will be penalized 10% of the possible points for that assignment each elapsed day.

15% of final grade

VII. Bibliography

Anderson, J.E. (1990) *Constitutive Processes and their Regulation*. New York: Wiley. 311 pp.

- A2 No changes in existing courses are required.
- A3 Traditional offering.
- A4 No.
- A5 Not a dual level course.
- A6. No variable credit.
- A7 Courses designed to expose students to the topic of human cognition are included as a part of virtually every Psychology Department curriculum nation wide.
- A8 Although the material taught in this course is essential to all members of the professional community, the course is not designed to meet specific requirements of

B 1 One instructor

B 2 No additional courses are needed

ITUP

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Indiana, Pennsylvania 15705

DATE: _____

Provost
