

**Master Syllabus**  
**EXP 3505 Cognition**  
**Department of Psychology**  
**Florida Atlantic University, Boca Raton, FL**

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**Course Prerequisites and/or Corequisites (if any)**

PSY 1012 General Psychology

**Course Lecture-Lab-Credit and/or Contact Hours**

Lecture Course, 3 credit hours

**Includes Lab?** \_\_\_ Yes  X  No

**Lab Fee?** \_\_\_ Yes  X  No

**Special Facility or Equipment Needs**

No specified facility or special equipment required; textbooks and other student materials to be specified by instructor.

**Recommendations for Teaching Assistants**

There is typically one TA for each section of the course.

**Course Outline of Topics (Sequence & specifics may vary by instructor)**

- I. Introduction
  - A. What is cognition?
  - B. Historical perspective
  - C. Research methods in cognition
- II. Perception
  - A. How is the world encoded?
  - B. Models of pattern recognition
- III. Attention
  - A. Functions of attention
  - B. How is attention regulated?
  - C. Automaticity
- IV. Memory
  - A. Short term and working memory
  - B. Varieties of long term memory
  - C. Memory in practice: memory errors and distortions

- V. Language
  - A. Speech perception
  - B. Language understanding
  - C. Language production
- VI. Higher-order cognition
  - A. Concepts, categories, and schemata
  - B. Other higher order processes

**Course Learning Objectives**

Students will demonstrate an understanding of the following concepts through their performance on course examinations:

1. History and theoretical approaches to cognition
2. Scientific methods of theory testing in cognitive psychology
3. Perception
4. Attention
5. Memory
6. Language
7. Higher-order cognition