

PSY622 Cognitive Psychology
(3 credit hours)
Course Syllabus

Course Description

This course is an in-depth study of the key areas of cognitive psychology, a sub-discipline of Psychology which examines the mental processes that underlie human thought and behavior such as perception, attention, representation, memory, reasoning, language, and expertise.

Course Learning Outcomes

By the end of this course, you will be able to:

1. Explore the emergence of cognitive psychology in relation to the broader history of the field of psychology.
2. Examine the underlying theories and findings about key mental processes in human thought and behavior including perception, attention, representation, memory, reasoning, language, and expertise.
3. Explore and evaluate the impact of key scientific experiments on the development and evolution of cognitive psychology.
4. Synthesize and analyze case studies through paradigms established in cognitive psychology.
5. Connect theories and findings from cognitive psychology to real world applications.

Required Textbook(s) and Resources

Goldstein, E. B. (2018). Cognitive Psychology: Connecting Mind, Research, and Everyday Experience (5th ed.). Cengage Learning US.

Be sure to also review the weekly **Explore** sections for additional library or web resources. For access to databases, research help, and writing tips, visit the [Tiffin University Library](#).

Time Commitment

Effective time management is possibly the single most critical element to your academic success. To do well in this online class you should plan your time wisely to maximize your learning through the completion of readings, forums, and assignments. Because of our

accelerated, seven-week term, TU online courses are designed with the expectation that you dedicate a little over **six (6)** hours per credit hour to course activities and preparation **each week**. For example, for successful completion of a three-credit, seven-week online course you should reserve roughly **twenty (20) hours per week**.

To help plan your time and keep on track toward successful course completion, note the distinctive rhythm of assignment due dates:

1. All times assume Eastern Time (GMT-4).
2. Weeks begin at 12:00 a.m. ET on Monday and end at 11:55 p.m. ET on Sunday.
3. Unless otherwise noted, initial assignments or forum posts are due by **11:55 p.m. ET on Wednesdays**.
4. Additional assignments or follow-up forum posts are due by **11:55 p.m. ET on Saturdays, and**
5. Major assignments and reflections are typically due by **11:55 p.m. ET on Sundays**.

Learning Activities

Throughout this course, you will engage in forum sharing, write papers, create presentations, and develop plans that apply concepts from the course to real-world contexts. Each week focuses on key topics like memory, language, reasoning, and expertise. you will reflect on historical events, analyze case studies, critique news articles, and formulate research proposals. The interactive activities aim to bridge theory with practical application, evaluate information critically, and synthesize knowledge across disciplines.

Grading

The chart below identifies the individual contributions from each type of activity, per week.

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Total
Forum Activity 1.1 (n/a) Activity 1.2 (30)	Forum Activity 2.1 (30)	Forum Activity 3.1 (30)	Forum Activity 4.1 (30)	Forum Activity 5.1 (30)	Forum Activity 6.1 (30)	Forum Activity 7.1 (30)	210
Assignment Activity 1.3 (100)	Assignment Activity 2.2 (100)	Assignment Activity 3.2 (100)	Assignment Activity 4.2 (100)	Assignment Activity 5.2 (100)	Assignment Activity 6.2 (100)	Assignment Activity 7.2 (190)	790
130	130	130	130	130	130	220	1000

Grading Scale

A: 90-100% | B: 80-89% | C: 70-79% | F: <69%

Course Schedule and Weekly Checklist

Topic	Learning Activities (Due by 11:55 p.m. ET on day designated)
Start Here	<input type="checkbox"/> MON: Activity 1.1: Introduce Yourself
Week 1: Cognitive Origins Perception Theories Influential Experiments	<input type="checkbox"/> WED: Activity 1.2: Roots and Experiments - Initial Post <input type="checkbox"/> SAT: Activity 1.2: Roots and Experiments - Follow-up Post <input type="checkbox"/> SUN: Activity 1.3: Real-world Application of Cognitive Psychology
Week 2: Cognitive Perception Artistic Representations Cognitive-Art Integration	<input type="checkbox"/> WED: Activity 2.1: Perception in Art - Initial Post <input type="checkbox"/> SAT: Activity 2.1: Perception in Art - Follow-up Post <input type="checkbox"/> SUN: Activity 2.2: Art Depicts Cognition
Week 3: Memory Processes Enhancing Strategies Role of Representation	<input type="checkbox"/> WED: Activity 3.1: Practical Memory Enhancement Strategies - Initial Post <input type="checkbox"/> SAT: Activity 3.1: Practical Memory Enhancement Strategies - Follow-up Post <input type="checkbox"/> SUN: Activity 3.2: Implementing Working Memory Techniques
Week 4: Episodic vs. Semantic Memory Memory Construction Memory Techniques	<input type="checkbox"/> WED: Activity 4.1: Analyzing Episodic vs. Semantic Memory - Initial Post <input type="checkbox"/> SAT: Activity 4.1: Analyzing Episodic vs. Semantic Memory - Follow-up Post <input type="checkbox"/> SUN: Activity 4.2: Applying Long-Term Memory Techniques
Week 5: Expertise Formation	<input type="checkbox"/> WED: Activity 5.1: Reflecting on Expertise Development - Initial Post

Skill Acquisition Cases Practical Skill Strategies	<input type="checkbox"/> SAT: Activity 5.1: Reflecting on Expertise Development - Follow-up Post <input type="checkbox"/> SUN: Activity 5.2: Designing a Skill Development Plan
Week 6: Language Theories Reasoning Mechanisms Detecting Misinformation	<input type="checkbox"/> WED: Activity 6.1: Language Acquisition Theories - Initial Post <input type="checkbox"/> SAT: Activity 6.1: Language Acquisition Theories - Follow-up Post <input type="checkbox"/> SUN: Activity 6.2: Cognitive Bias Analysis
Week 7: Applied Cognitive Research Practical Cognitive Insights	<input type="checkbox"/> WED: Activity 7.1: Research Proposal Outline - Initial Post <input type="checkbox"/> SAT: Activity 7.1: Research Proposal Outline - Follow-up Post <input type="checkbox"/> SUN: Activity 7.2: Think Tank Research Presentation

Tips for Success

Successful online learning requires a good deal of self-discipline and self-direction. As seekers of the truth, we should be willing to challenge and review one another's academic work in a spirit of respectful comradery and constructiveness. Your course is a place for you to stretch and grow as you benefit from the expertise, knowledge, experience and diverse perspectives of your instructor and peers. Constructive feedback will challenge you to stretch your own thinking, thereby expanding your knowledge, understanding and application.

To get the most out of your learning experience, you should actively engage (participate) in **ALL** course activities. Course elements are arranged chronologically. To complete a week, simply work your way "down the page" through all of the course materials and activities.

For More Information:

Be sure to review the [Support, Policies, and Procedures](#) addendum.