

PSY305e Cognitive Psychology: Exploring the Mind

Level: 3

Credit Units: 5 Credit Units

Language: ENGLISH

Presentation Pattern: EVERY SEMESTER

E-Learning: BLENDED - Learning is done MAINLY online using interactive study materials in Canvas. Students receive guidance and support from online instructors via discussion forums and emails. This is supplemented with SOME face-to-face sessions. If the course has an exam component, this will be administered on-campus.

Synopsis:

Cognitive psychology is the study of mental processes. It is about how we pay attention to information around us and perceive the world, how we mentally represent concepts, how we remember and forget things, and how we understand and use language to communicate our thoughts. Mental processes are, however, intangible and difficult to measure directly so cognitive psychologists have developed experimental methods to study these mental processes indirectly by measuring response latency and response accuracy.

This course provides a basic introduction to several important areas in cognitive psychology. There is a strong emphasis on linking cognitive theories and findings to everyday life. For example, consider how you have no trouble singing a song you learned when you were a child yet you can't remember the name of the person you were introduced to 5 minutes ago? What about the fact that you don't have any problems reading this even though the words are quietly jumbled up?

There will be opportunities to gain first-hand experience in experimental psychology using cognitive test kits and web-based demonstrations of classic experiments using Coglab (online cognition lab <https://coglab.cengage.com/>). The course also provides opportunities to collect data through experiments, interpret the statistical test results, and write up formal experimental reports. These different methods of empirical scientific research help us to better understand important concepts in cognitive psychology and uncover the myths of the human mind.

Topics:

- Introduction to Cognitive Psychology
- Perception & Attention
- Memory
- Experimental Psychology
- Knowledge & Language
- Overview

Textbooks:

Goldstein, E. B. (2015): Cognitive psychology (eText) (2015)(4th Edition.). Wadsworth Cengage Learning.

ISBN-13: 9789814653299-AA

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Learning Outcome:

- Examine major theories, principles, and concepts in cognitive psychology.
- Discuss relevant theories and research findings to explain real-life behaviour and cognitions.
- Appraise cognitive theories and how hypotheses are verified through empirical testing.
- Illustrate how cognitive psychology provides evidence of the link between cognitive functions of the mind and behaviour.
- Apply cognitive theories and findings to everyday mental-life and behaviour.
- Prepare an experimental report based on a pre-programmed experiment and the interpretation of experimental results.

Assessment Strategies:

Continuous Assessment Component	Weightage (%)
TUTOR-MARKED ASSIGNMENT	20
TUTOR-MARKED ASSIGNMENT	20
PRE-CLASS QUIZ	5
PRE-CLASS QUIZ	5
Sub-Total	50

Examinable Component	Weightage (%)
Written Exam	50
Sub-Total	50

Weightage Total **100**