

Liverpool John Moores University

Title: COGNITIVE PSYCHOLOGY (V.2)
Status: Definitive
Code: **5002PSYSCI** (113640)
Version Start Date: 01-08-2011

Owning School/Faculty: Natural Sciences & Psychology
Teaching School/Faculty: Natural Sciences & Psychology

Team	Leader
Ruth Ogden	Y

Academic Level: FHEQ5
Credit Value: 12.00
Total Delivered Hours: 26.00
Total Learning Hours: 120
Private Study: 94

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	22.000
Tutorial	2.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	2 hour written examination paper	100.0	2.00

Aims

- 1.To investigate current approaches to the study of human cognition.*
- 2.To examine the major areas of psychological research in human cognition.*
- 3.To examine the relative merits of laboratory versus everyday approaches to understanding human cognition.*

Learning Outcomes

After completing the module the student should be able to:

- 1 Evaluate the way in which major cognitive theories have been developed and tested.
- 2 Analyse important controversies regarding perception, attention, memory, thinking and language.
- 3 Discuss human cognitive abilities as they are manifested in natural contexts.
- 4 Identify and summarise key concepts in cognitive psychology.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

EXAM	1	2	3	4
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Outline Syllabus

The computer model and information processing approach; empirical methods in cognitive psychology; laboratory versus non-laboratory research; ecological validity. Theories of pattern recognition and attention; serial versus parallel processing; automatic processing, action slips and absent-mindedness.

Memory structure and processes; the role of working memory in cognition; everyday memory; mental representation; the imagery-propositional debate; mental models; distributed representations and connectionism; the organisation of knowledge; semantic networks, schemata, frames and scripts.

Theories of problem solving; role of individual differences in problem solving strategies; introspection and protocol analysis; computer modelling and simulation approaches.

Language and grammar; speech perception; sentence perception; reading; top-down and bottom-up processes in reading.

The syllabus provides an appropriate conceptual and historical framework in which to locate the study of cognitive psychology.

Learning Activities

1. Attend lectures.
2. Complete prescribed reading.

References

Course Material	Book
Author	Eysenck M & Keane M
Publishing Year	2005
Title	Cognitive Psychology
Subtitle	A Student's Handbook.
Edition	5th Edition.

Publisher	Taylor & Francis: Psychology Press
ISBN	1841693596

Course Material	Book
Author	Matlin M W
Publishing Year	2005
Title	Cognition
Subtitle	
Edition	6th edition.
Publisher	Wiley
ISBN	0471450073

Course Material	Book
Author	Robinson-Riegler G & Robinson-Riegler B
Publishing Year	2004
Title	Cognitive Psychology
Subtitle	Applying the Science of Mind.
Edition	
Publisher	Pearson, Allyn & Bacon.
ISBN	020532763X

Course Material	Book
Author	Robinson-Riegler B & Robinson-Riegler G
Publishing Year	2004
Title	Readings in Cognitive Psychology
Subtitle	Applications, Connections and Individual Differences.
Edition	
Publisher	Pearson Education.
ISBN	0205358675

Notes

Cognitive Psychology concerns the processes and structures underlying perception, attention, memory, thinking and language. It utilises scientific methods in order to investigate these phenomena as they are found both in laboratory and real world settings. A major long-term goal is to provide an understanding of cognitive functioning that has practical applications.