

**City University of Hong Kong**  
**Course Syllabus**

**offered by Department of Social & Behavioural Sciences**  
**with effect from Semester A 2022/23**

---

---

**Part I Course Overview**

**Course Title:** Perception and Cognition

**Course Code:** SS5750

**Course Duration:** One semester

**Credit Units:** 3 credits

**Level:** P5

**Medium of Instruction:** English

**Medium of Assessment:** English

**Prerequisites:** MSSPSY Students: NIL  
(Course Code and Title) Non-MSSPSY Students: SS1101 Basic Psychology or its equivalent

**Precursors:** Nil  
(Course Code and Title)

**Equivalent Courses:** Nil  
(Course Code and Title)

**Exclusive Courses:** Nil  
(Course Code and Title)

## Part II Course Details

### 1. Abstract

This course aims to develop students' ability in understanding knowledge and insights of cognitive psychology, and to foster their positive attitudes toward the application of theoretical concepts of cognitive psychology to human cognition.

### 2. Course Intended Learning Outcomes (CILOs)

(CILOs state what the student is expected to be able to do at the end of the course according to a given standard of performance.)

No.	CILOs <sup>#</sup>	Weighting (if applicable)	Discovery-enriched curriculum related learning outcomes (please tick where appropriate)		
			A1	A2	A3
1.	describe principle theories, concepts, and research paradigms relevant to cognitive psychology;	30%	√		
2.	analyze the link between research in cognitive psychology and everyday experiences;	20%	√	√	√
3.	compare and contrast different approaches to understanding human information processing through conducting empirical studies; and	30%	√	√	
4.	evaluate the application of theories and principles in cognitive psychology to real life settings.	20%	√	√	√
		100%			

A1: Attitude

*Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.*

A2: Ability

*Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to self-life problems.*

A3: Accomplishments

*Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative works/new artefacts, effective solutions to real-life problems or new processes.*

### 3. Teaching and Learning Activities (TLAs)

(TLAs designed to facilitate students' achievement of the CILOs.)

TLA	Brief Description	CILO No.						Hours/week (if applicable)
		1	2	3	4			
Lectures	Major theories, principles and models in cognitive psychology are described and explained. Students will be engaged in discussion and interaction that serve to stimulate their thinking on different topics in cognitive psychology.	✓	✓		✓			
Group project	<ul style="list-style-type: none"> <li>Students will be required to analyse and present empirical data collected via the online studies or laboratory experiments in a scientific format.</li> <li>Promote students' discovery about the linkage between research and everyday experiences.</li> <li>Evaluate different approaches to understand human cognitions.</li> </ul>	✓	✓	✓	✓			
Laboratories	<ul style="list-style-type: none"> <li>To teach concepts related to the experimental basis of research in cognitive psychology through designing and conducting online studies or laboratory experiments.</li> <li>To familiarize students with major experimental paradigms for generating and testing specific hypotheses.</li> </ul>	✓	✓	✓	✓			

### 4. Assessment Tasks/Activities (ATs)

(ATs are designed to assess how well the students achieve the CILOs.)

Assessment Tasks/Activities	CILO No.						Weighting	Remarks
	1	2	3	4				
Continuous Assessment: 100%								
Two Quizzes (50%)	✓	✓	✓	✓			50%	
Experimental Report (25%)	✓		✓	✓			25%	
Group Project (25%)		✓	✓	✓			25%	
Examination: 0% (duration: _____, if applicable)								
							100%	

## 5. Assessment Rubrics

*(Grading of student achievements is based on student performance in assessment tasks/activities with the following rubrics.)*

Applicable to students admitted in Semester A 2022/23 and thereafter

Assessment Task	Criterion	Excellent (A+, A, A-)	Good (B+, B)	Marginal (B-, C+, C)	Failure (F)
1. Quizzes	The two quizzes are designed to assess students' knowledge in cognitive psychology	Excellent grasp of teaching materials and extensive knowledge in theories and concepts of cognitive psychology	Reasonable understanding of theoretical concepts of cognitive psychology	Limited familiarity with concepts of cognitive psychology.	Little evidence of familiarity with concepts of cognitive psychology.
2. Experimental report	Each student is required to submit an individual experimental report using data collected from experiments.	Demonstration of an outstanding ability to analyze and interpret research data, and critically evaluate the application of theoretical concepts to everyday cognitive functioning.	The experimental report is adequately written with proper integration of past literature and interpretation of research findings.	Theoretical concepts and research findings are poorly integrated in the report.	Little evidence of familiarity with the subject issue. The report is poorly written, and limited knowledge of cognitive psychology is shown.
3. Group project	Students are required to work in a small group, design and create an experiment in cognitive psychology, collect and analyse the data, and present the findings.	Demonstration of an excellent ability to create the experiment, synthesize the relevant literature on the selected topic, systematically analyse the data, and critically evaluate the findings with reference to its application in everyday experiences.	Showing a good capability to create the experiment, analyse empirical data and link theoretical concepts with everyday experiences	Limited familiarity with experiment creation and the subject issue. Poor application of the theoretical models.	Fail to create a runnable experiment and inability to integrate past research on cognitive psychology.

Applicable to students admitted before Semester A 2022/23

Assessment Task	Criterion	Excellent (A+, A, A-)	Good (B+, B, B-)	Fair (C+, C, C-)	Marginal (D)	Failure (F)
1. Quizzes	The two quizzes are designed to assess students' knowledge in cognitive psychology	Excellent grasp of teaching materials and extensive knowledge in theories and concepts of cognitive psychology	Reasonable understanding of theoretical concepts of cognitive psychology	A basic understanding of concepts of cognitive psychology.	Limited familiarity with concepts of cognitive psychology.	Little evidence of familiarity with concepts of cognitive psychology.
2. Experimental report	Each student is required to submit an individual experimental report using data collected from experiments.	Demonstration of an outstanding ability to analyze and interpret research data, and critically evaluate the application of theoretical concepts to everyday cognitive functioning.	The experimental report is adequately written with proper integration of past literature and interpretation of research findings.	Findings of the experimental report are descriptive in nature without much critical evaluation.	Theoretical concepts and research findings are poorly integrated in the report.	Little evidence of familiarity with the subject issue. The report is poorly written, and limited knowledge of cognitive psychology is shown.
3. Group project	Students are required to work in a small group, design and create an experiment in cognitive psychology, collect and analyse the data, and present the findings.	Demonstration of an excellent ability to create the experiment, synthesize the relevant literature on the selected topic, systematically analyse the data, and critically evaluate the findings with reference to its application in everyday experiences.	Showing a good capability to create the experiment, analyse empirical data and link theoretical concepts with everyday experiences	Limited capability to create the experiment, synthesize theoretical concepts and integrate research findings with everyday cognitive functioning.	Limited familiarity with experiment creation and the subject issue. Poor application of the theoretical models.	Fail to create a runnable experiment and inability to integrate past research on cognitive psychology.

**Part III Other Information** (more details can be provided separately in the teaching plan)

**1. Keyword Syllabus**

*(An indication of the key topics of the course.)*

*Models in cognitive psychology; sensing and perceiving; visual perception; attention; memory; memory errors; eyewitness testimony; knowledge representation and organization; problem solving; reasoning; decision making; language.*

**2. Reading List**

**2.1 Compulsory Readings**

*(Compulsory readings can include books, book chapters, or journal/magazine articles. There are also collections of e-books, e-journals available from the CityU Library.)*

1.	Cognition: Pearson New International Edition, 5/E by Mark H. Ashcraft and Gabriel A. Radvansky. Pearson. (ISBN-10: 1292021470; ISBN-13: 9781292021478)
----	--

**2.2 Additional Readings**

*(Additional references for students to learn to expand their knowledge about the subject.)*

*Please refer to the updated course syllabus distributed from your instructor(s).*