

Subject Description Form

Subject Code	APSS 5060																	
Subject Title	Advanced Cognitive Psychology																	
Credit Value	3																	
Level	5																	
Pre-requisite / Co-requisite/ Exclusion	Nil																	
Assessment Methods	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">100% Continuous Assessment</th> <th style="width: 20%;">Individual Assessment</th> <th style="width: 20%;">Group Assessment</th> </tr> </thead> <tbody> <tr> <td>1. Attendance & participation</td> <td style="text-align: center;">10%</td> <td></td> </tr> <tr> <td>2. Seminar Presentation</td> <td></td> <td style="text-align: center;">20%</td> </tr> <tr> <td>3. Individual Written Paper</td> <td style="text-align: center;">30%</td> <td></td> </tr> <tr> <td>4. Final test</td> <td style="text-align: center;">40%</td> <td></td> </tr> </tbody> </table> <ul style="list-style-type: none"> The grade is calculated according to the percentage assigned; The completion and submission of all component assignments are required for passing the subject; and Students must pass all components so as to pass the subject. 			100% Continuous Assessment	Individual Assessment	Group Assessment	1. Attendance & participation	10%		2. Seminar Presentation		20%	3. Individual Written Paper	30%		4. Final test	40%	
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Objectives	<p>This subject covers a selected range of major construct and theories in cognitive psychology to help students understand some common cognitive processes. It is aimed at enabling students to gain more advanced experience of some of cognitive psychologists' studied issues through their own experimentation and analyses. The subject provides students with opportunity and supervision to engage in learning activities that can stimulate them to appreciate research findings on learning and methods of thinking. The class will also allow independent planning and execution of experiments. Finally, implications for clinical and educational contexts will be examined.</p>																	

<p>Intended Learning Outcomes</p>	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> a. acquire knowledge of some common cognitive processes using multiple perspectives from major theories in cognitive psychology, recognizing the range of research methods, evidence and applications; b. identify and differentiate neuroscience and psychological theories of cognition; c. formulate research questions and make attempts to carry out empirical studies topics of interest in cognitive psychology; d. draw upon personal experiences of mental representations and to make links with the popular discussion of thinking methods and learning approaches. e. apply findings in clinical, social, educational and community settings and in Chinese context.
<p>Subject Synopsis/ Indicative Syllabus</p>	<ol style="list-style-type: none"> 1. Introduction <ul style="list-style-type: none"> - Cognitive psychology & cognitive science: definition and domain - Information-processing model and parallel distributed processing model 2. Perception and Attention <ul style="list-style-type: none"> - Perception and determinants of perception - Attention processes and sensory experiences 3. Consciousness <ul style="list-style-type: none"> - Research of implicit memory, sleep and amnesia - Consciousness versus unconsciousness - Changing conception & contemporary models of consciousness - Functions of consciousness - 4. Introduction <ul style="list-style-type: none"> - Cognitive psychology & cognitive science: definition and domain - Information-processing model and parallel distributed processing model 5. Perception and Attention <ul style="list-style-type: none"> - Perception and determinants of perception - Attention processes and sensory experiences - 6. Consciousness <ul style="list-style-type: none"> - Research of implicit memory, sleep and amnesia - Consciousness versus unconsciousness - Changing conception & contemporary models of consciousness - Functions of consciousness

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Teaching/Learning Methodology	Face-to-face lectures, seminars and lab sessions 39 hours TOTAL 39 hours Rationale: The lectures will provide the opportunity to learn and consolidate the conceptual framework of the subject area. The lectures will also stimulate reflection on the applications to the subject area to the real world. The lab session will promote appreciation of the experimental paradigm and methods of assessing cognition. The seminars will help to consolidate learning and enhance analytical and creative thinking as well as team collaboration in learning.																																																			
Assessment Methods in Alignment with Intended Learning Outcomes	<table border="1" data-bbox="492 743 1471 1318"> <thead> <tr> <th data-bbox="492 743 782 957" rowspan="2">Specific assessment methods/tasks</th> <th data-bbox="782 743 956 957" rowspan="2">% weighting</th> <th colspan="5" data-bbox="956 743 1471 894">Intended subject learning outcomes to be assessed (Please tick as appropriate)</th> </tr> <tr> <th data-bbox="956 894 1063 957">a</th> <th data-bbox="1063 894 1170 957">b</th> <th data-bbox="1170 894 1278 957">c</th> <th data-bbox="1278 894 1385 957">d</th> <th data-bbox="1385 894 1471 957">e</th> </tr> </thead> <tbody> <tr> <td data-bbox="492 957 782 1031">1. Attendance & participation</td> <td data-bbox="782 957 956 1031">10%</td> <td data-bbox="956 957 1063 1031">✓</td> <td data-bbox="1063 957 1170 1031">✓</td> <td data-bbox="1170 957 1278 1031">✓</td> <td data-bbox="1278 957 1385 1031">✓</td> <td data-bbox="1385 957 1471 1031"></td> </tr> <tr> <td data-bbox="492 1031 782 1104">2. Seminar presentation</td> <td data-bbox="782 1031 956 1104">20%</td> <td data-bbox="956 1031 1063 1104">✓</td> <td data-bbox="1063 1031 1170 1104">✓</td> <td data-bbox="1170 1031 1278 1104">✓</td> <td data-bbox="1278 1031 1385 1104">✓</td> <td data-bbox="1385 1031 1471 1104">✓</td> </tr> <tr> <td data-bbox="492 1104 782 1178">3. Individual paper</td> <td data-bbox="782 1104 956 1178">30%</td> <td data-bbox="956 1104 1063 1178">✓</td> <td data-bbox="1063 1104 1170 1178">✓</td> <td data-bbox="1170 1104 1278 1178">✓</td> <td data-bbox="1278 1104 1385 1178">✓</td> <td data-bbox="1385 1104 1471 1178">✓</td> </tr> <tr> <td data-bbox="492 1178 782 1251">4. Final test</td> <td data-bbox="782 1178 956 1251">40%</td> <td data-bbox="956 1178 1063 1251">✓</td> <td data-bbox="1063 1178 1170 1251">✓</td> <td data-bbox="1170 1178 1278 1251">✓</td> <td data-bbox="1278 1178 1385 1251">✓</td> <td data-bbox="1385 1178 1471 1251">✓</td> </tr> <tr> <td data-bbox="492 1251 782 1318">Total</td> <td data-bbox="782 1251 956 1318">100%</td> <td colspan="5" data-bbox="956 1251 1471 1318"></td> </tr> </tbody> </table> <p data-bbox="492 1318 1471 1423">Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:</p> <p data-bbox="492 1423 1471 1591"><u>Group project</u> Students are asked to form groups and present an empirical research paper on cognitive psychology.</p> <p data-bbox="492 1591 1471 1759"><u>Individual paper</u> Students are asked to write an essay to assess their understanding of key concepts of cognitive psychology.</p> <p data-bbox="492 1759 1471 1906"><u>Final test</u> The test will consist of both multiple-choice, short-answer, and essay questions. It will cover all course material.</p>					Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)					a	b	c	d	e	1. Attendance & participation	10%	✓	✓	✓	✓		2. Seminar presentation	20%	✓	✓	✓	✓	✓	3. Individual paper	30%	✓	✓	✓	✓	✓	4. Final test	40%	✓	✓	✓	✓	✓	Total	100%					
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Student Study	Class contact:	
Effort Expected	▪ Lecture and lab session	39 Hrs
	Other student study effort:	
	▪ Self-study	46 Hrs
	▪ Individual Written Paper and Group Presentation	50 Hrs
	Total student study effort	135 Hrs
Reading List and References	<p><u>Essential Textbook</u></p> <p>Goldstein, E. B. (2018). Cognitive psychology: Connecting mind, research and everyday experience (5th edition). Cengage Learning.</p> <p><u>Recommended Textbooks</u></p> <p>Reed, S. K. (2013) Cognition: theories and applications (9th edition.). Belmont, CA: Wadsworth, Cengage Learning.</p> <p>Robinson-Riegler, B. & Robinson-Riegler, G. (2017). Cognitive Psychology: Applying the Science of the Mind (4th edition). New York, NY : Pearson</p> <p><u>Recommended Academic Journals</u></p> <p>Selected articles and special series in the following journals:</p> <ol style="list-style-type: none"> 1. <i>Nature Human Behaviour.</i> 2. <i>Cognition.</i> 3. <i>Psychological Science.</i> 4. <i>Journal of Experiment Psychology: General</i> 	