

課程大綱及進度表

開課系所	心理學系	開課學年	109 學年	開課學期	第二學期																																																								
課程名稱(中文)	感覺與知覺	課程名稱 (英文)	Sensation and Perception																																																										
課程碼	D830500	分班碼	None																																																										
課程對應系(所、開課單位)核心能力(全名)	邏輯推理及批判思考的能力 Logical reasoning and critical thinking ability. 語文與表達能力 Language and presentation ability. 溝通與合作能力 Communication and cooperation. 創新與領導能力 Creativity and leadership. 專業實踐與跨域能力 Professional practice and cross-disciplinary ability.																																																												
學分數	3	先修科目或先備能力	無																																																										
開課教師	黃碧群	e-mail	pichun_huang@mail.ncku.edu.tw	電話	56516																																																								
Office Hours	星期二 下午 3:30-5:30 或以 email 預約時間																																																												
課程概述 (中文、英文)	<p>感覺與知覺這門課涵蓋了生理學、心理物理學以及認知心理學。這門課探討人類的感官系統的功能以及人類的感官系統如何將外在的物理刺激轉變成大腦可以理解的訊息。課程中探討的議題包括了視覺、聽覺、味覺、嗅覺、體感覺等等。</p> <p>The study of perception involves a complex combination of physiology, psychophysics, and cognition. This course explores the functioning of human sensory systems and how physical stimuli are transformed into signals that can be understood by the nervous system. Topics covered in the course include vision, audition, taste, smell, touch, and proprioception.</p>																																																												
教學目標	1) 瞭解人類感官系統的功能 2) 了解感覺轉換為知覺的歷程 3) 課程背景知識的應用																																																												
授課課程大綱明細	<table border="1"> <thead> <tr> <th colspan="4">Schedule</th> </tr> <tr> <th>Week</th> <th>Date</th> <th>Course</th> <th>課程活動</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2/24</td> <td>Course orientation & Ch1 Introduction to perception</td> <td>IRS 設定 + 報告分組 + 課程分流(單雙周) + 座位安排</td> </tr> <tr> <td>2</td> <td>3/3</td> <td>Ch1 Introduction to perception & Appendix</td> <td>IRS(1)</td> </tr> <tr> <td>3</td> <td>3/10</td> <td>Ch2 The beginnings of perception</td> <td>IRS(1) Demo: peripheral vision test</td> </tr> <tr> <td>4</td> <td>3/17</td> <td>Ch3 Neural processing and perception</td> <td>IRS(2)</td> </tr> <tr> <td>5</td> <td>3/24</td> <td>Ch4 Cortical Organization</td> <td>IRS(2)</td> </tr> <tr> <td>6</td> <td>3/31</td> <td>Ch5 Perceiving objects and scenes</td> <td>IRS(3)</td> </tr> <tr> <td>7</td> <td>4/7</td> <td>Ch6 Visual Attention</td> <td>IRS(3)</td> </tr> <tr> <td>8</td> <td>4/14</td> <td>Ch7 Taking Action</td> <td>IRS(4)</td> </tr> <tr> <td>9</td> <td>4/21</td> <td>期中考(Ch1~Ch7& Appendix)</td> <td></td> </tr> <tr> <td>10</td> <td>4/28</td> <td>Ch8 Perceiving Motion</td> <td>IRS(4) Demo: 閃頻器</td> </tr> <tr> <td>11</td> <td>5/5</td> <td>Ch9 Perceiving Color</td> <td>IRS(5) Demo: 100 hue test / Ishihara test</td> </tr> <tr> <td>12</td> <td>5/12</td> <td>Ch10 Perceiving Depth and Size</td> <td>IRS(5) Demo: 立體視覺測驗</td> </tr> </tbody> </table>					Schedule				Week	Date	Course	課程活動	1	2/24	Course orientation & Ch1 Introduction to perception	IRS 設定 + 報告分組 + 課程分流(單雙周) + 座位安排	2	3/3	Ch1 Introduction to perception & Appendix	IRS(1)	3	3/10	Ch2 The beginnings of perception	IRS(1) Demo: peripheral vision test	4	3/17	Ch3 Neural processing and perception	IRS(2)	5	3/24	Ch4 Cortical Organization	IRS(2)	6	3/31	Ch5 Perceiving objects and scenes	IRS(3)	7	4/7	Ch6 Visual Attention	IRS(3)	8	4/14	Ch7 Taking Action	IRS(4)	9	4/21	期中考(Ch1~Ch7& Appendix)		10	4/28	Ch8 Perceiving Motion	IRS(4) Demo: 閃頻器	11	5/5	Ch9 Perceiving Color	IRS(5) Demo: 100 hue test / Ishihara test	12	5/12	Ch10 Perceiving Depth and Size	IRS(5) Demo: 立體視覺測驗
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	13	5/19	Ch11 Hearing	IRS(6) Demo: 聽覺教具
	14	5/26	Ch12 Auditory Localization and Organization	IRS(6)
	15	6/2	Ch13 Speech Perception	IRS(7)
	16	6/9	Ch14 The Cutaneous Senses	IRS(7)
	17	6/16	Ch15 The Chemical Senses	Demo: supertaster
	18	6/23	期末考(Ch 8~Ch15)	
	<p>A Note on the Schedule: This preliminary schedule is subject to changes throughout the term. It is your responsibility to take note of any schedule changes that are announced in class. It is not a valid excuse to miss class for being unaware of a change in the schedule.</p>			
參考書目	Goldstein, E. B. & Brockmole, J. R. (2017). Sensation and Perception, 10th Edition. Cengage Learning			
課程要求	1. 課程參與討論 2. 遵守上課規定(見備註)			
評量方式	<p>評量方式一</p> <p>60% : Exams (30 % for each exam)</p> <p>15% : IRS 問題(取 5 次最佳成績; 每人共 7 次 IRS)</p> <p>15% : 小組影片製作</p> <p>10% : General class participation and effort (基本分數 10 分)</p> <p>評量方式二 (至多 10 位同學, 請於第一周課程決定)</p> <p>100% : 兩次考試的平均分數(需防疫點名)</p> <p>所有評量方式, 老師將視同學課程參與討論程度有額外 5 分的加分權利。</p> <p>Important:</p> <p>1. The exam will cover the textbook and the material we have taught in the class. It is your responsibility to complete the assigned reading in your text, to study the material regularly, and to come to class prepared for the exam. There is generally 1) a multiple-choice section (50%) and 2) a conceptual short-answer & essay section (50%).</p>			
課程網站	http://moodle.ncku.edu.tw			
助教資訊	陳彥儒 <ra51011daniel@gmail.com> ; 黃琬婷 <wannting03@gmail.com>			
備註	<p>Notes to the students:</p> <p>期中考與期末考原則是「不補考」, 除非有正式假單、有醫生證明之病假、或遇重大事故, 則應儘早告知老師, 並另排定補考時間。</p> <p>本學期為因應疫情, 同學的課堂座位將會固定, 且課程將採取學生單雙周分流方式進行實體課程。上課期間將會使用 Moodle 遠距教學供當周末到教室之同學觀看。當周遠距的同學亦可到教室上課, 但不計算 IRS 與課程參與分數。無論選取何種方式, 每周皆需做防疫點名。防疫點名將做為額外分數加分的重要依據。</p> <p>小組影片製作至多 5 人一組, 影片上傳截止日期為當周課程結束後 14 日。如: 3/10(三)的課程影片需於 3/24(三)上課前繳交。繳交方式如下: 將原始檔案與同學可觀看連結傳給助教, 助教會將可觀賞連結登錄到 MOODLE 供其他同學觀賞影片。評分方式為基本分數加上 (1) 同學票選 50% (2) 老師評分 50%。[註: 為兩梯次票選, 即期中考範圍一次與期末考範圍一次]。同組組員分數相同, 除非組員有提出額外意見, 才會視組員貢獻做分數調整。影片製作內容建議如附件。</p>			

Course Policies

Classroom Behavior:

Needless to say, you're in university and that demands a certain degree of responsibility on your part to help support a positive learning environment for all students in the classroom. In that case, let's be clear about some of the specific rules for this course that should be followed whenever you're in the classroom:

1) **Things That Go "Beep" in the Classroom:** No cell phones or electronic devices should be used at any time during class! This includes chatting, talking, texting, face booking, lining, listening to music or taking photos for notes. I do not mind taking notes by laptop or Tablet PC. However, hand-writing note-taking is a wonderful skill to have. Please turn to silent mode for any devices BEFORE class starts. Please leave class to answer an emergency call.

甲、上課遲到者(以9:20AM為準)，課程參與分數一次扣1分。[利用PBL點名法或是其他課程相關活動。請自行評估到校及防疫所需時間，不接受因"量體溫大排長龍而遲到"的理由]

乙、課程參與分數為總分10分，採扣分制度，扣至10分為止。

丙、防疫假須請病假，不扣課程參與分數(但無法有PBL分數)。

2) **Respecting Your Classmates:** If another student is talking, please give him/her your full attention and do not interrupt. If you disagree with something s/he says, you must respond in a respectful manner. This means addressing the issue or idea, NOT the person.

Cheating and Plagiarism:

Cheating and plagiarism in any form will not be tolerated. Examples of cheating and/or plagiarism include but are not limited to the following: copying from another student's exams/assignments or letting another student copy off your exams/assignments (including Zuvio activity); copying the written work of another writer without giving proper credit (e.g., citations, references, footnotes, etc...); falsifying records (e.g., research forms, documentation, etc...). Any student caught cheating or plagiarizing will receive a zero and the appropriate administrative personnel will be notified of the situation.

Suggestions to the teacher:

If you have any comments and suggestions about the teacher, teaching methods, or problems encountered during the class, please respond **as soon as possible**. Don't wait until there is no chance to improve anything.

附件

報告主題的文獻本文:

<https://reurl.cc/9Z1dbX>

影片製作內容建議如下

[Demo 1](#): 網紅解說版

[Demo 2](#): 影片動畫版 [VideoScribe 教學:簡單、強大的手繪動畫軟體\(白板動畫軟體\)\(notesscribe.com\)](#)

Demo 3: TED Ed on Consciousness, Sensation and perception [[LINK](#)]