

開授課程大綱

*課程大綱包括:修課條件、課程目的、課程內容、上課方式、成績評量、參考書目….等

課程名稱	知覺心理學 PERCEPTUAL PSYCHOLOGY		
上課時間	二 234	上課地點	北館視聽教室 N100
課程目標	<p>感覺是外界訊息進入的門戶，而知覺則是對這些感覺訊息加以主動詮釋之後的結果。一般人總以為，張眼便能視物，各種景物與聲音氣味等不時地進入眼睛、耳朵、與鼻子，一切感知過程的發生似乎再自然也不過了。然而實際上看似平常的感覺與知覺系統，竟蘊含許多意想不到的趣味與巧奪天工之精良。本課程目標在於希望藉由課堂講授與一些實際操作，讓學生瞭解感覺與知覺的歷程。唯有經由學習與瞭解，方能體會我們的感知系統之精巧與複雜，並進而達到滿足好奇心、增進自我察覺、審美與實務應用等功能。</p>		
課程概述	<p>本課程係開授給心理系大三學生的必修課程，歡迎外系學生選修。使用教材為 Bruce E. Goldstein (2010) 的 <i>Sensation and Perception</i> 第八版。</p> <p>課程的主要內容在介紹各項感覺系統的解剖、生理與其知覺層面。包括：人類各種感官（視覺、聽覺、嗅覺、味覺、觸覺）的解剖、生理與其知覺層面。包括各種感官的基本生理與處理歷程、基本運算通則、物件與場景、注意力、運動知覺、色彩視覺、深度與大小知覺、音調與聲音的定位、語音辨識、音樂知覺、語言處理、味道、痛覺與各項知覺發展等。</p> <p>每周三小時的授課時間內以教師的演講為主，輔以視聽等多媒體教材。</p>		
課程要求	每次帶著熱情的心與清醒的頭腦來上課。		

	參與課堂討論，上課不遲到早退，按時繳交作業，上課後複習內容。
Office Hours	週二下午 2:00~4:00
指定閱讀	Bruce E. Goldstein (2010). Sensation and Perception.
參考書目	每章都有一至兩本參考書目，請參見課程網頁。 https://ceiba.ntu.edu.tw/course/eefaa7/index.htm
評量方式	1. 三次考試($25\% \times 3 = 75\%$) 2. 三次作業($7\% \times 3 = 21\%$) 3. 課堂參與(點名與小測驗) 4%

Course Syllabus

Course title	PERCEPTUAL PSYCHOLOGY –		
Time	Tuesday 234	Schedule Classroom	DEPT. OF PSYCHOLOGY NOUTH HALL ROOM NO.N100
Course Objective	<p>Information enters our mind through various senses, and the interpretations of these sensory inputs form our perception. Most people think that sensing is so natural that you only need to open your eyes to see and sniff to smell. However, perception actually involves many complicated mechanisms. The objective of this course is to let the students gain comprehensive understanding of the processes of sensation and perception. Only through learning and understanding can we realize the complexity and exquisite of sensory and perceptual systems, and then go a step further to satisfy curiosity, promote self-awareness, and use this knowledge to practical situations.</p>		
Course Description	<p>This course is designed for junior undergraduates who major in psychology. Students from other departments who are interested in human sensation and perception are also welcome. The text book is Bruce E. Goldstein (2010). Sensation and Perception, 8th edition.</p> <p>The goal of this course is provide with the students basic concepts of human sensation and perception. The content includes the anatomical and neurophysiologic bases of, the perceptual processes of, and the development of the basic senses including vision, audition, olfaction, taste, and cutaneous sense. More specific topics in vision include the mechanism of receptors and neural</p>		

	<p>transmitter, color perception, object recognition, depth perception, motion perception, and the role of attention on perception. Topics in audition include relationship between psychophysics and auditory phenomena, speech perception, and language processes. Chemical senses and cutaneous senses will also be included.</p> <p>Lectures by the instructor will be given in class, with multimedia teaching materials.</p>
Course Requirement	<p>Come to the class with your passion and sobriety, and be on time!!</p> <p>Participate the class discussions, turn in your homework in time, and read the materials before and after classes.</p>
Office Hours	Tuesday 14:00~16:00 PM
Designated reading	Bruce E. Goldstein (2010). Sensation and Perception.
References	<p>There are one or two references for each chapter. Check the website:</p> <p>https://ceiba.ntu.edu.tw/course/eefaa7/index.htm</p>
Grading	<p>1. Three exams (25% x 3 = 75%)</p> <p>2. Three homeworks (7% x 3 = 21%)</p> <p>3. Attendance (quiz and sign in) 4%</p>