

課程大綱:(尊重智慧財產權，請使用合法教科書，不得非法影印!)

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| 課程代碼：1004 | | 科目代碼：SPED3124 | | |
| 課程名稱 | 中文：言語科學 | 必/選修 | 選修 | 班級:特四 |
| | 英文：Speech sciences | 課程類別 | 系專門 | 授課教師：許馨仁 |
| 開課單位 | 特殊教育學系 | 學分數 | 2 | Email: hsinjen.hsu@mx.nthu.edu.tw |
| 先修課程 | 語言發展與矯治或語言溝通法 | | | |
| 課程概述 | 本課程的主題為介紹人類言語產生的生理過程，課程之核心將環繞在言語產生過程中相關的三個主要系統：呼吸系統、發聲系統以及發音系統。本課程透過介紹這三個系統的解剖與生理、聲音的物理特質以及語音聽知覺等概念，使學生完整了解言語產生器官的構造及生理機制，並具備言語相關的科學理論基礎。 | | | |
| 課程內容 | | | | |
| Week | Topic | | | |
| wk1 | Introduction and course requirements | | | |
| wk2 | Speech production: overview & basic anatomy / (Anatomy of respiration) | | | |
| wk3 | Anatomy of respiration (reading: speech science: ch4) | | | |
| wk4 | Anatomy of respiration | | | |
| wk5 | Physiology of respiration | | | |
| wk6 | Physiology of respiration | | | |
| wk7 | Exam 1 | | | |
| wk8 | Anatomy of phonation (reading: speech science: ch6 & 2, 3) | | | |
| wk9 | Anatomy of phonation | | | |
| wk10 | Physiology of phonation | | | |
| wk11 | Physiology of phonation | | | |
| wk12 | Exam 2 | | | |
| wk13 | Anatomy of articulation & resonance (reading: speech science: ch8) | | | |
| wk14 | Anatomy of articulation & resonance | | | |
| wk15 | Physiology of articulation & resonance | | | |
| wk16 | Physiology of articulation & resonance | | | |
| wk17 | Exam 3 | | | |
| wk18 | (No class) | | | |
| 評量方式： | | | | |
| Exam 1：25%; Exam 2: 25%; Exam 3: 25%; participation: 5% Quiz: 20% | | | | |
| 教科書與參考書目 | | | | |
| Seikel, J. A. , King, D. W. & Drumright, D. G. (2010). <i>Anatomy and Physiology for Speech, Language and Hearing (4th Eds)</i> .Singular Publishing Group. | | | | |
| McFarland, D. H. (2009). Netter's Atlas of Anatomy for Speech, Swallowing, and | | | | |

Hearing. St. Louis : Mosby/Elsevier.

Ferrand, C. T. (2006). *Speech science: an integrated approach to theory and clinical practice*. Allyn & Bacon.

<https://www.books.com.tw/products/0010342035>