

Spring 2021

Syllabus: 10920LING596200 Speech Percetpion

Class: W 2:20-5:20, HSS Building, B305

Instructor: Yueh-chin Chang
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HSS Building, A429, x4-2704

TA: T.B.A.

Office hours: By appointment

Prerequisites: An Intro to Phonetics course, or permission of the instructor

Required texts: Pisoni, David B. and Remez, Robert E. (2005). *The Handbook of Speech Perception*. Malden, MA: Blackwell Publishing Ltd.

References: Johnson, Keith. 2011. *Acoustic and Auditory Phonetics* (3rd edition). Hoboken, NJ: Wiley-Blackwell.

Course description:

This course is an introduction to fundamental ideas/aspects of acoustic phonetics and various theories of speech perception. In particular, we will discuss the role of perception theory in phonological theorizing. In addition to class lectures, this course will also focus on labs for essential trainings of experimental skills in speech perception and/or acoustic phonetics.

Course requirements:

Assigned readings

Class participation

In-class presentation (30%)

Homework (20%: Four (2) homework assignments)

Term project (50%) (Please come make an appointment with me by the end of April)

Schedule of topics (subject to revision)

WEEK	TOPIC	READING
Week 1	Orientation	
Week 2	General introduction	Chaps. 2
Week 3	Hearing	T.B.A.
Week 4	Acoustic phonetics	Chap. 1
Week 5	Acoustic phonetics	Chap. 1
Week 6	Perception of Linguistics Properties	Chaps. 6
Week 7	Perception of Linguistics Properties	Chaps. 7
Week 8	Perception of Linguistics Properties	Chap. 8
Week 9	Perception of Linguistics Properties	Chap. 10
Week 10	Perception of Linguistics Properties	Chap.11
Week 11	Perception of Linguistics Properties	Chap. 11
Week 12	Perception of Indexical Properties	Chap. 13
Week 13	Perception of Indexical Properties	Chap. 14
Week 14	Theories of Speech Perception	Chap. 26
Week 15	Classical theory of speech perception (and beyond)	T.B.A.
Week 16	Perception of vowel	T.B.A.
Week 17	Perception of consonants	T.B.A.
Week 18	Student Presentation	