

Fall 2009

## Syllabus: Phonetics

**Spatiotemporal:** W 2:10-5:00, CHSS Building, C407

**Instructors:** Yueh-chin Chang  
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**Office hours:** by appt.

**TA:** Ching-ting Chuang (莊淨婷)  
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**Class website:** <http://moodle.nthu.edu.tw>  
 國立清華大學數位學習平台  
 課程類別 → 人社院(CHS) → 外語系(FL) → 語音學  
 (Email me for access to the course website if you are not a registered student)

**Required texts:** Ashby, Michael and John Maidment. (2005) *Introducing Phonetic Science*. Cambridge: Cambridge University Press.

Ladefoged, Peter. (2006) *A Course in Phonetics* (5<sup>th</sup> edition). Thomson Learning.

### Course description and goals:

This course is an introduction to the description and analysis of sound patterns that are found in the world's languages. It is designed to provide you with:

- a. the physiological properties of the speech-producing apparatus,
- b. the basic properties of sound in general,
- c. to perceive, produce, and transcribe the most common sound types of the languages of the world (in particular, American English),
- d. how speech sounds are similar and different from each other acoustically, including how to create and interpret acoustic displays using praat.

**Course requirements:**

Assigned readings, Class attendance (10%), Class participation (10%), Assignments (20%), Midterm exam (30%), Final exam (30%)

**Written assignments:**

There will be five (5) homework assignments, generally handed out on Wednesdays and due on the following Wednesdays. Late homework will not be accepted except for compelling reasons and with prior permission of the instructor.

**Collaboration policy:**

You are strongly encouraged to work together, and to discuss readings and your solutions to the written assignments with each other. ***You must write up your assignments individually, however.*** If you are having problems with any assignments, please do not hesitate to get in touch with the instructors or TA – in person or by email. We are more than happy to help.

**Schedule of topics** (subject to revision)

*Readings are due the day they are listed.*

WEEK	DATE	TOPIC	READING
Week 1	Sept 16	Orientation	
Week 2	Sept 23	Introduction to speech	AM chap 1 (YCC)
Week 3	Sept 30	Voice	AM chap 2 (YCC)
Week 4	Oct 7	Place of articulation	AM chap 3 (YCC)
Week 5	Oct 14	Manner of articulation	AM chap 4 (YCC)
Week 6	Oct 21	Vowels	AM chap 5 (YCC)
Week 7	Oct 28	Vowels	AM chap 5 (YCC)
Week 8	Nov 4	English consonants, vowels, words and sentences	PL chaps. 3,4, 5 (FFH)
Week 9	Nov 11	<b>Midterm exam</b>	
Week 10	Nov 18	No class	
Week 11	Nov 25	Voice II	AM chap 6 (YCC)
Week 12	Dec 2	Airstream mechanisms	AM chap 7 (FFH)
Week 13	Dec 9	Speech sounds and speech movements	AM chap 8 (FFH)
Week 14	Dec 16	Basic phonological concepts	AM chap 9 (FFH)
Week 15	Dec 23	Catch-up	(FFH)
Week 16	Dec 30	Suprasegmentals	AM chap 10 (FFH)
Week 17	Jan 6	Speaker and hearer	AM chap 11 (FFH)
Week 18	Jan 13	<b>Final exam</b>	

**AM**=Ashby, Michael and John Maidment. (2005) *Introducing Phonetic Science*. Cambridge: Cambridge University Pres; **PL**=Ladefoged, Peter. (2006) *A Course in Phonetics* (5<sup>th</sup> edition). Thomson Learning; **YCC**=Yueh-ching Chang; **FFH**=Feng-fan Hsieh.