

Syllabus: FL204700 Phonetics

Spatiotemporal: W 2:20-5:10, CHSS Building, C412

Instructor: Yueh-chin Chang
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HSS Building, A429, 42704

Office hours: by appt.

TA: T.B.A.

Required texts: Ashby, Michael and John Maidment. (2005) *Introducing Phonetic Science*. Cambridge: Cambridge University Press.
(Note: **PIRACY IS A CRIME!**)

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 two or three 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. 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 | TOPIC | READING |
|---------|------------------------------------|--------------|
| Week 1 | Orientation | |
| Week 2 | Introduction to speech | AM chap 1 |
| Week 3 | Voice | AM chap 2 |
| Week 4 | Place of articulation | AM chap 3 |
| Week 5 | Manner of articulation & Vowels | AM chaps 4-5 |
| Week 6 | Vowels | AM chaps 4-5 |
| Week 7 | Wrap up & Voice II | AM chap 6 |
| Week 8 | Midterm exam | |
| Week 9 | Voice II | AM chap 6 |
| Week 10 | No Class: Mei-chu Tournament | |
| Week 11 | Airstream mechanisms | AM chap 7 |
| Week 12 | Speech sounds and speech movements | AM chap 8 |
| Week 13 | Basic phonological concepts | AM chap 9 |
| Week 14 | Suprasegmentals | AM chap 10 |
| Week 15 | Speaker and hearer | AM chap 11 |
| Week 16 | Final exam | |