

Linguistics 314: Introduction to Phonetics

Fall 2003

Course meeting times: Tuesday, Thursday 9:30-10:45

Place: Usually Social Sciences 411, but we will meet occasionally in various computer labs or the library

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Office hours: W 2-4 and by appointment

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Office hours: tentatively M 11:45-12:45, W 4:15-5:15

Note: Even weeks of semester, Wednesday is transcription practice, odd weeks, Monday is transcription practice. Other office hour is for regular questions.

Class web page: <http://www.u.arizona.edu/~nwarner/314-index.htm>

Textbooks and materials:

Ladefoged, Peter. 2001. A Course in Phonetics, 4th Edition.

Ladefoged, Peter. 1996. Elements of Acoustic Phonetics, 2nd Edition.

Handouts on topics not covered by the books.

Course requirements and grading policies

6 homework assignments	45%
12 pop quizzes	10%
Midterm exam	15%
Final exam	25%
Participation	5%

I will drop your lowest homework score. This means that you may miss one homework assignment for whatever reason you want, no questions asked, but in that case the scores from the other 5 assignments will all count. Because you can drop one score, I will only accept late assignments if there is a **very** good reason. Make-up exams will also be given only for extremely good reasons. Such reasons require documentation.

Pop quizzes: these will be one-question quizzes, unannounced, given at the beginning of class. I will give you just a couple minutes to do them. The question will be simple if you have been attending class, taking notes, and keeping up on the reading, and especially if you read over your notes from the previous session once between class sessions. I will drop your lowest two pop quiz scores, but there will be no make-ups on these (unless you are in the hospital for two weeks or something).

Homework assignments must be turned in by **1 PM** on the day they are due to be counted as on time. We would prefer to have them turned in during class, but will accept them in the professor's or the TA's mailbox at the Linguistics Department (216 Douglass Hall). Please turn homework in as hard copy, not by email, unless you ask us first. Homework does not have to be typed, but we may mark down if we can't read it easily.

Working together policy: Study groups are strongly encouraged, especially for preparing for tests. You may work together in groups on homework, too, but you should not write up your homework together. If two or more people's assignments are excessively similar, we will deduct points.

Extra credit: Attending the transcription practice counts for extra credit. Each time you attend counts for 0.5% of your grade made up, up to a maximum of 2.0%.

Useful free software:

IPA fonts for Mac and Windows are available for free download from the Summer Institute of Linguistics (SIL) at <http://www.sil.org/computing/fonts/encore-ipa.html>. I recommend SILDoulos IPA.

Praat ("speech" in Dutch) is a very good speech analysis program which runs on both Mac and Windows, and is, amazingly enough, free. You can download it from <http://www.praat.org/>.

Email list:

Please subscribe to the email list for this course, so you can receive any announcements we send, post questions or discussion about the class material, and/or ask others to form a study group with you. Subscribe by sending a message to listserv@listserv.arizona.edu. The content of the message should be "SUBSCRIBE ling314 yourfirstname yourlastname" (without the quotation marks). Make sure to delete any signature after that. You will only be able to post messages to the list from the email address you use to subscribe to it. Let the professor or TA know if you have problems subscribing. It helps to bring a printout of any error messages you get.

Accommodations:

Students with disabilities who require accommodations to fully participate in course activities or meet course requirements must register with the Disability Resource Center. If you qualify for services through DRC, bring your letter of accommodations to the professor as soon as possible.

Academic integrity:

The University of Arizona's Code of Academic Integrity (available at <http://info-center.ccit.arizona.edu/~studpubs/policies/cacaint.htm>) states: "Integrity is expected of every student in all academic work. The guiding principle of academic integrity is that a student's submitted work must be the student's own." It goes on to explain: "Conduct prohibited by the Code consists of all forms of academic dishonesty, including, but not limited to: cheating, fabrication, facilitating academic dishonesty, and plagiarism...; submitting an item of academic work that has previously been submitted without fair citation of the original work or authorization by the faculty member supervising the work; modifying any academic work to obtain additional credit in the same class unless approved in advance by the faculty member; failure to observe rules of academic integrity established by a faculty member for a particular course; and attempting to commit an act prohibited by this Code."

Tentative course schedule (subject to change)

Dates	Topics	Reading	Homework/tests
8/26-8/28	Introduction, the vocal tract, consonants	CP Ch. 1	
9/2-9/4	Consonants continued, vowels	CP Ch. 7	
9/9-9/11	Vowels continued, other distinctions in the world's languages, practice transcribing a non-English language	CP Ch. 6	HW1 due 9/11 (vocal tract positions)
9/16-9/18	Consonants of English, vowels of English	CP Ch. 3	
9/23-9/25	Phonemic vs. phonetic transcription	CP Ch. 2, 4	HW2 due 9/25 (English transcription)
9/30-10/2	English transcription continued, review for midterm		
10/7-10/9	Midterm exam, go over midterm, SOWL at Gila lab		Midterm exam 10/7
10/14-10/16	Suprasegmentals, transcription of disordered speech	CP Ch. 5, 10, handout	
10/21-10/23	Acoustic phonetics: sine waves, adding sine waves, spectra	CP Ch. 8 through p. 178, AP Ch. 1-3	HW3 due 10/23 (Sounds of the World's Languages)
10/28-10/30	Periodic vs. aperiodic sounds, spectrograms	AP Ch. 4-5	HW4 due 10/30 (perception experiment)
11/4-11/6	Standing waves, acoustic phonetics of vowels	AP Ch. 7, 8 through p. 122	
11/13 (11/11 break)	Library day	CP Ch. 9	
11/18-11/20	Measuring formants (lab work at ICL), Acoustic phonetics of consonants	CP rest of Ch. 8	HW5 due 11/20 (sound waves, plotting your vowel formants)
11/25 (11/27 is Thanksgiving)	Measuring duration, VOT, pitch (lab work at ICL)		
12/2-12/4	Applications of phonetics, clean-up, review	CP Ch. 11	HW6 due 12/4 (speech synthesis)
12/9	Review for final		
12/18, 8-10 AM			Final exam