

2004

## Speech & Hearing Science 320--Principles of Phonetics

Winter Quarter, ~~2002~~, 5 credits

Instructor: Julia Tevis McGory, Pressey Hall

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Office hours: 2:30-3:30 (Classroom)

Primary Lectures:		MTWR	1:30- 2:18	Arps 387
Recitation Sections:	18665-8	F	12:30-1:18	Parks 0550
	18666-3	F	1:30-2:18	Parks 0157

This is a course describing the principles and fundamental nature of *phonetics*, especially as it applies to the field of speech-language and hearing science. It will involve both general and specific theories and facts in phonetics as well as the development of practical skills (e.g., phonetic transcription skills). Topics covered will include, but will not be limited to, symbolic representation of speech sounds; basic speech anatomy; laryngeal anatomy and physiology; and discussions of speech production and speech perception. A large portion of the course is designed to acquaint you with transcription techniques utilizing the International Phonetic Alphabet (IPA) and a significant portion of your course grade will depend upon your ability to understand and utilize the IPA.

There will be two (2) midterms exams each of which will count 150 points. A detailed study guide will be provided prior to each exam. There will be no makeup exams given *without a valid excuse* (such as a note from your doctor; there will be **no exceptions**)—an unexcused missed midterm will be graded 0% and will be counted in determining your final grade. There will be four quizzes given during recitation on the dates indicated on this syllabus. There will be no quizzes in the week before an exam or the week in which an exam is given. These quizzes may involve phonetic transcription as well as fill-in-the-blank questions. These quizzes are designed to help you learn the material. Each quiz will be worth 25 points for a total of 100 points. There will be no make-up quizzes and an unexcused missed quiz will be graded 0% and will be counted in determining your final grade. In special circumstances, if you know that you will miss a recitation during which a quiz is given, you may request that you take it during another recitation time. The final exam will be comprehensive (although there will be some emphasis on the material covered during the last two weeks of the quarter) and worth a total of 200 points. A portion of the final exam will be a transcription test.

Your final course grade will be based on the following:

<i>2 Midterms (worth 150 points each)</i>	300
<i>Quizzes (four worth 25 points each)</i>	100
<i>Final Exam</i>	
Transcription portion	50
Multiple choice portion	<u>150</u>
<b><i>Total possible points</i></b>	<b>600</b>

Letter grades are based on the standard ranges, e.g., 93-100% A, 90-92% A-, 87-89% B+, 83-86% B, 80-82% B-, etc. Everyone must take the final exam.

There are two texts for this course. (P. Ladefoged, *A Course in Phonetics-Fourth Edition*). It is particularly useful for the information about general phonetics, relevant speech anatomy, and the nature of speech sounds found across different human languages (and the phonetic variations therein). A second text (Harold Edwards and Alvin Gregg, *Applied Phonetics Workbook*) will be used in the transcription portion of the course, primarily during recitation. It was originally designed to be used in conjunction with another phonetics textbook, but I prefer Ladefoged's book. When there are differences in approach or material between the two books, I will explain the differences in class lecture. There will also be a set of auditory tapes (see details below) produced by the authors of the *Applied Phonetics Workbook* (APW). We will cover most, though not all, of each of these texts. Please note, that it is to your benefit to complete all of the practice exercises provided in Edwards & Gregg, even though we may not cover them all during transcription lecture.

Don't put off learning phonetic transcription until the end of the course; try to improve your transcription skills each week!

**Note: I encourage students to ask questions during lectures as well as during recitations, please do so!** Let us know what you are having difficulty with. If you are having problems, it's almost certain that others are as well. Phonetics is a very different way of looking at speech than most of you are accustomed to.

**Academic misconduct:** Faculty members are encouraged to acknowledge in their course syllabus Ohio State's guidelines on academic misconduct. These guidelines require that "each instructor shall report to the Committee on Academic Misconduct all instances of what he/she believes to be academic misconduct." Details about what constitutes academic misconduct can be found in the *Student Handbook*, page 17. Contact me if you have any questions. Note: Academic misconduct is a serious matter, with serious consequences. Plagiarism is a serious offense as is providing or obtaining help during exams. In addition, note that all homeworks (which are graded and contributed to your course grade) should be completed on an individual basis and not as a group project. However, please note that studying for an exam as a group is not only allowed—I encourage it. I treat possible instances of academic misconduct quite seriously!

An alternative version of the course materials (including the syllabus) can be made available if needed and upon request.

In the following course outline, I have indicated the readings and exercises required for each week of lectures and transcription/recitation sessions. I will pass out exercises to be completed in the Instructional Computer Laboratory sessions on a separate handout.

### Course Outline

Week 1	Sept.22-24	Introduction to the course and the nature of phonetic transcription; basic speech anatomy; introduction to the International Phonetic Alphabet (IPA) and phonetic symbol variations
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Readings: Ladefoged, Chapter 1;  
Recitation: APW Section 1

Week 2 Sept 27-Oct 1 Symbolic Representation of Sounds: International Phonetic Alphabet (IPA)

Readings: Ladefoged, Chapters 1 & 2;  
Recitation: APW Section 2  
**Quiz 1**

Week 3 Oct 4-8. Morphology, phonology and phonetics; distinction among different type of transcription; distinctive vs. nondistinctive differences in speech sounds and different uses of transcription; consonants in English, coarticulation

Readings: Ladefoged, Chapters 2 & 3;  
Recitation: APW, Section 3

Week 4 Oct. 11-15. English consonants (continued), introduction to English vowels

Readings: Ladefoged, Chapters 3 & 4  
Recitation: APW, Sections 4  
**Quiz 2**

Week 5 Oct. 18-22. English vowels (cont.); English stress and rhythm

Readings: Ladefoged, Chapter 5  
Recitation: APW, Section 5

Week 6 Oct. 25-29 Airstream mechanisms, laryngeal anatomy and physiology, theories of phonation

Readings: Ladefoged, Chapter 6, pp. 113-125  
Recitation: APW, Sections 6

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**First Midterm Exam, Tuesday, Oct. 26**  
**Chapters 1, 2, 3, 4, 5, & 6 (113-125)**  
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Week 7 Nov 1-5. Phonation types, voice-onset time, diacritics.

Readings: Ladefoged, Chapter 6, pp. 125-132, Chapter 7  
Recitation: Section 7  
**Quiz 3**

Week 8 Nov. 8-12. Diacritics; variations in place and manner across languages

(“the rest of the IPA”)

Readings: Ladefoged, Chapter 9  
Recitation: APW, Section 8  
**Quiz 4**

Week 9 Nov. 15-19. Continue Chapter 9, Review for Midterm II

Week 10 Nov. 22-24 Syllables and suprasegmental features.

Readings: Ladefoged, Chapters 10

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**Second Midterm Exam, Tuesday Nov. 23**  
**Chapters 6, 7, 9, 10**  
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Week 11 Nov. 29-Dec.3 Introduction to acoustic phonetics.

Readings: Ladefoged, Chapters 8  
Recitation: **Transcription Portion of the Final Exam**

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**SENIOR (Only) FINAL EXAM**  
**Time and Place to be announced**  
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Finals Week Dec. 6-10.

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**FINAL EXAM**  
**Wed, Dec. 8 11:30 - 1:18 PM**  
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*Note: The University has determined this exam time—there will be no early exams given at alternative times (except for graduating senior). Also, given the University concern about the prevention of academic misconduct at all levels (student, teacher, researcher) you will be required to bring your student ID card to the final examination. You will be allowed to take the final exam only upon presentation of a valid picture ID card (University ID, Driver’s License, State of Ohio Identification Card, etc.) to the proctor(s) of the examination.*