

**LIN 4205**  
**Fundamental Phonetics/Phonetics for Linguists**

Instructor: Dr. Ratree Wayland                      T 7<sup>th</sup> (1:55-2:45)      MAT 0102  
Office: 4131E Turlington Hall                      TR 7-8<sup>th</sup> (1:55-3:50)      MAT 0102  
Office Hours: T6<sup>th</sup> (12:50-1:40), or by appointment.

Phone: 352-294-7450  
E-mail: ratree@ufl.edu

**Course Description:** This course provides a basic introduction to the study of phonetics. Topics to be covered include anatomy and physiology of the speech production apparatus, transcription and production of some of the world's sounds, basic acoustics, computerized methods for speech analysis, acoustic characteristics of sounds, stress, and intonation, and basic issues in speech perception.

**Textbooks**

**1. Required**

Wayland, Ratree. Phonetics: A Practical Introduction. Cambridge University Press. 2018.

**2. Suggested**

Reetz, Henning and Jongman, Allard. Phonetics: Transcription, Production, Acoustics, and Perception. Wiley-Blackwell Publisher, 2011

Johnson, Keith. Acoustic & Auditory Phonetics. Third edition. Blackwell Publisher, 2013

Ladefoged, P. A Course in Phonetics. Harcourt, Brace, and Jovanovich. Fourth or later edition.

**Course Requirements**

Homework	20%
Exam I	20%
Exam II	20%
Exam III	20%
Final Project	10%
Class attendance	5%
Presentation	5 %

**Grading Scale**

93-100% = A	90-92.9% = A-	87-89.9% = B+
83-86.9% = B	80.0-82.9% = B-	77-79.9% = C+
73-76.9% = C	70.0-72.9% = C-	67-69.9% = D+
63-66.9% = D	60.0-62.9% = D-	Below 60% = E

## Course Outline

Lectures will follow the outline below. This outline is tentative and may be updated as we go.

Week	Date	Topic	Reading Assignment
1	Aug 21	Introduction	Ch. 1
		Articulatory phonetics	
2	Aug 26	Physiology of the vocal apparatus	Ch. 1
	Aug 28	Airstream mechanisms & phonation types	Ch. 2
3	Sept 2	Phonetic Transcription	Ch. 4
	Sept 4	Phonetic Transcription	HW 1 due
4	Sept 8	Basic Acoustics	Ch. 6
	Sept 10		Exam I (Articulatory)
5	Sept 16	Analysis Methods for Speech Sounds	Ch. 7
	Sept 18		HW2 due
6	Sept 23	Analysis Methods for Speech Sounds	Ch. 7
	Sept 25		
7.	Sept 30	The Source-Filter Theory	Ch. 6 (pp129-135)
	Oct 2	Perturbation Theory	HW3 due
8.	Oct 7	Acoustic characteristics of speech sounds	Ch. 8
	Oct 9		
9.	Oct 14	Acoustic characteristics of speech sounds	Ch. 8
	Oct 16		HW4 due
10.	Oct 21	Syllables and Suprasegmentals	Ch. 3
	Oct 23		Exam II
11.	Oct 28	Speech perception (general)	Ch. 9
	Oct 30		
12.	Nov 4	Speech perception	Ch. 10
	Nov 6		

13.	Nov 11	Speech perception	
	Nov 13		
14.	Nov 18	Student presentation	HW5 due
	Nov 20	Student presentation	
15.	Nov 24	THANKSGIVING BREAK	<b>No Class</b>
	Nov 27	THANKSGIVING BREAK	
16.	Dec 2	Student presentation	Exam III due

**This course complies with all UF academic policies. For information on those policies and for resources for students, please see:**

<https://syllabus.ufl.edu/syllabus-policy/uf-syllabus-policy-links/>

## **Attendance Policy, Class Expectations, and Make-Up Policy**

Students are expected to attend and participate actively in class meetings. Excessive absences (2 or more weeks of classes in total) may result in a course withdrawal recommendation. If you are unable to attend a lecture, please let us know as soon as possible to arrange for any missed assignments.

Exams will be taken in class and may or may not take up the entire period. Homework is due at the beginning of class. For each day that homework is late, ten points will be subtracted, up to a maximum of three days. Homework handed in on the fourth day after the due date or later will receive a grade of 0. Students are responsible for obtaining notes, handouts, and any other information from missed classes. Make-up tests/quizzes are possible only with documentation of illness or advance approval for a make-up test/quiz. Students enrolled in Lin 6208 will have more extensive exams and/or project requirements. Further details on final project(s) will be provided in class.

**AI Policy:** If you use AI (e.g., Chat-GPT) to assist with your paper, include it in the references. Remember that these systems are notorious for inventing 'facts' and 'references,' so diligently fact-check whatever you utilize. Ultimately, you are responsible and accountable for the accuracy, relevance, and scholarly quality of the content in your papers.