

# LINGUISTICS 3060: PHONETICS AND PHONOLOGY

(Revised March 8, 2019)

## INSTRUCTOR

Joey Stanley  
317 Park Hall  
joeystan@uga.edu  
Office hours T Th 1:00–2:00  
or by appointment

## CLASS MEETINGS

Spring 2019 (January 9–April 30)  
MWF, 9:05–9:55am  
Zell Miller Learning Center 367

## COURSE DESCRIPTION

Phonetic transcription of various languages dictated by native and non-native speakers; understanding of the phonetic principle by the solution of selected problems which consist of phonetically transcribed data.

## PREREQUISITES

LING 2100 or ENGL(LING) 3030 or permission of department.

## LEARNING OUTCOMES

This class will serve as an introduction to the linguistic study of speech sounds. Students learn how speech is produced in the vocal tract; the physics of speech, and to analyze speech acoustics. We use the International Phonetic Alphabet to transcribe speech, and learn the natural classifications of consonants, vowels, and suprasegmentals, which are foundational to phonological description and analysis. Students abstract from the acoustics of a language to its phonemic system, learning to recognize and analyze patterns in terms of phonological features, and to formalize these processes using rules. Students will also learn to use Praat, the standard software for acoustic analysis.

## COURSE MATERIALS

1. Required textbooks
  - a. Ladefoged, Peter & Keith Johnson. 2015. *A Course in Phonetics*. 7<sup>th</sup> edition. Stanford, CT: Cengage Learning.
  - b. Hayes, Bruce. 2009. *Introductory Phonology*. Malden, MA: Wiley-Blackwell.
2. Software
  - a. Praat, available at [praat.org](http://praat.org).

## GRADING POLICY

A: >93%; A-: 90–92%;  
B+: 87–89%; B: 83–86%; B-: 80–82%;  
C+: 77–79%; C: 73–76%; C-: 70–72%;  
D+: 67–69%; D: 63–66%; D-: 60–62%;  
F: <60%

## GRADE BREAKDOWN

|                              |     |
|------------------------------|-----|
| Homework (lowest dropped)    | 30% |
| Quizzes (lowest dropped)     | 20% |
| Midterm                      | 20% |
| Final                        | 20% |
| Participation and Attendance | 10% |

The course syllabus is a general plan for the course; deviations announced to the class by the instructor may be necessary.

## **LABS**

In this course, we will use the software *Praat*, a sophisticated speech analysis tool that is widely used in all areas of linguistics. We will learn some basic tools that will help you in your own analyses, as well as use the software to illustrate relevant topics in class. Since Praat is free and easily accessible, you should have no trouble installing and running it on your own computers. If you do not have a computer, you can install it on a flash drive and run it on a campus computer.

## **HOMEWORK**

There will be several homework assignments throughout the semester. They are relatively large assignments, so carefully review what is expected as soon as they are handed out so you can budget enough time to complete them. Homework should be emailed to me no later than 9:05 the morning the assignments are due. No late work is accepted unless I am notified of exigent circumstances which prohibit you from completing homework on time. Homework is 30% of your final grade, after your lowest score is dropped.

## **QUIZZES**

The quizzes we have in class will be relatively simpler. They are worth 20% of your final grade after the lowest score has been dropped.

## **TESTS**

There will be a midterm and a final exam. Each is worth 20% of your final grade. The midterm will be over phonetics and the final—which is not cumulative—will cover phonology.

## **EXPECTATIONS**

- Come to class having read the assigned material.
- Attendance is mandatory. You will be responsible for material covered in case of absence.
- Be honest. As a University of Georgia student, you have agreed to abide by the University's academic honesty policy, "A Culture of Honesty," and the Student Honor Code. All academic work must meet the standards described in "A Culture of Honesty" found at: <https://ovpi.uga.edu/academic-honesty/academic-honesty-policy>. Lack of knowledge of the academic honesty policy is not a reasonable explanation for a violation. Questions related to course assignments and the academic honesty policy should be directed to the instructor. In LING 3060, please do not use outside sources without citing them, or consult with others on homework without acknowledgement and instructor permission.

The course syllabus is a general plan for the course; deviations announced to the class by the instructor may be necessary.

**SCHEDULE (SUBJECT TO CHANGE)**

|  | Day    | Topic(s)                                   | Reading | Homework |
|--|--------|--|---------|----------|
| W  | Jan 9  | Introduction                               |         |          |
| F  | Jan 11 | Articulation and Phonetics I               | LJ 1    |          |
| M  | Jan 14 | Articulation and Phonetics II              | H 1     |          |
| W  | Jan 16 | IPA and Transcription                      | LJ 2    |          |
| F  | Jan 18 | Introduction to Praat                      |         |          |
| M  | Jan 21 | <b>Martin Luther King Day: No classes</b>  |         |          |
| W  | Jan 23 | English Obstruents I                       | LJ 3    |          |
| F  | Jan 25 | English Obstruents II                      |         |          |
| M  | Jan 28 | English Sonorants                          | LJ 7    |          |
| W  | Jan 30 | Places of Articulation                     |         | HW 1 Due |
| F  | Feb 1  | Manner of Articulation                     |         |          |
| M  | Feb 4  | Vowels I                                   | LJ 4    |          |
| W  | Feb 6  | Vowels II                                  |         | HW 2 Due |
| F  | Feb 8  | Vowels III                                 | LJ 9    |          |
| M  | Feb 11 | English words and sentences                | LJ 5    |          |
| W  | Feb 13 | Suprasegmentals                            | LJ 10   | HW 3 Due |
| F  | Feb 15 | Airstream and Phonation Types              | LJ 6    |          |
| M  | Feb 18 | Acoustic Phonetics I                       | LJ 8    |          |
| W  | Feb 20 | Acoustic Phonetics II                      | on eLC  | HW 4 Due |
| F  | Feb 22 | Hearing, Processing, and Perception        | on eLC  |          |
| M  | Feb 25 | Phonetics Review                           |         |          |
| W  | Feb 27 | Midterm: Phonetics                         |         |          |
| F  | Mar 1  | Phonemic Analysis I                        | H 2     |          |
| M  | Mar 4  | Phonemic Analysis II                       |         |          |
| W  | Mar 6  | Phonemes I                                 | H 3     |          |
| F  | Mar 8  | Phonemes II                                |         |          |
| <b>Spring Break March 11–15: No classes</b>        |        |  |         |          |
| M  | Mar 18 | Features I                                 | H 4     |          |
| W  | Mar 20 | Features II                                |         |          |
| F  | Mar 22 | Morphology                                 | H 5     |          |
| M  | Mar 25 | Phonological Alternation I                 | H 6     |          |
| W  | Mar 27 | Phonological Alternation II                |         | HW 5 Due |
| F  | Mar 29 | Phonological Alternation III               | H 7     |          |
| M  | Apr 1  | Morphophonology I                          | H 8     |          |
| W  | Apr 3  | Morphophonology II                         |         |          |
| F  | Apr 5  | Productivity                               | H 9     |          |
| M  | Apr 8  | Morphology & Syntax                        | H 10    |          |
| W  | Apr 10 | Diachrony & Synchrony                      | H 11    | HW 6 Due |
| F  | Apr 12 | Abstractness                               | H 12    |          |
| M  | Apr 15 | Syllables I                                | H 13    |          |
| W  | Apr 17 | Syllables II                               |         | HW 7 Due |
| F  | Apr 19 | Stress, Stress Rules, & Syllable Weight I  | H 14    |          |
| M  | Apr 22 | Stress, Stress Rules, & Syllable Weight II |         |          |
| W  | Apr 24 | Tone & Intonation I                        | H 15    |          |
| F  | Apr 26 | Tone & Intonation II                       |         |          |
| M  | Apr 29 | Review                                     |         |          |
| <b>Final: Phonology (8–11am, Wednesday, May 8)</b> |        |  |         |          |

The course syllabus is a general plan for the course; deviations announced to the class by the instructor may be necessary.