

University of Puerto Rico
Mayagüez Campus
College of Arts and Sciences
Department of English

Fall 2019

1. General information:

Alpha-numeric code: INGL 3227
Course title: English Phonetics

| Section | Dates | Meeting Location | Time |
|-------------|-------------|------------------|--------------------------|
| Section 050 | M, W, F | CHARDON 324 | 11.30 A.M. – 12. 20 P.M. |
| Section 096 | Tues, Thurs | CHARDON 223 | 3.30 P.M. – 4.45 P.M. |

2. Professor information:

| Professor information | Office hours |
|---|---|
| Name: Katherine Morales, Ph.D. Office: O.F. 109 Phone: Email: Katherine.morales1@upr.edu | Mon/ Wed: 1.30 – 3.30 P.M. Tues/Thurs: 8.30 – 9.30 A.M. * Or by appointment * Or anytime my office door is open. |

3. Course description:

This course will introduce you to the acoustic and physical aspects of speech; you will also learn practical tools that facilitate the analysis of speech sounds (via symbolic conventions and computing software).

4. Course objectives:

- 1) You will learn how to produce, analyze, and transcribe the sounds of speech, specifically, the sounds of English.
- 2) You will also learn how to use tools for the analysis of acoustic data, such as PRAAT (a computer software for acoustic analysis).
- 3) You will familiarize yourself with the *International Phonetic Alphabet* (IPA) and its different symbolic representations for speech sounds.
- 4) Ultimately, you will be able to apply both transcription and acoustic analysis skills towards solving real world language problems.

5. Course Materials:

I. Required Text (Purchase)

- 1) MAIN (LF): Ladefoged, P., & Johnson, K. (2014). *A Course in Phonetics, 7th edition*. Wadsworth Publishing.
- 2) INDEX CARDS.
- 3) Access to internet.

II. Other (Sections available electronically via email)

- 4) Ladefoged, P., & Ferrari Disner, S. (2012). *Vowels and Consonants*, 3rd ed. Wiley-Blackwell. – *Select* sections will be made available electronically.
- 5) Odden, D. (2005). *Introducing Phonology*. Cambridge University Press.
- 6) Collins, B., & Mees, I. M. (2013). *Practical Phonetics and Phonology: A Resource book for students*.

III. Required Tools (Recording devices, acoustic analysis software)

- Some of the work you will do for this course, and some demonstrations in class and lab, will use a software for speech (acoustic) analysis called **PRAAT**. This software is *free* to download and use on all operating systems (Windows, Mac, Linux) from www.praat.org.
 - There are several tutorials and manuals online that may help you understand the software and all of its uses; I will be sharing some of these on our **class blog**.

IV. Online Resources

- Additional material will be uploaded into the class blog:
<https://phoneticsatuprmschool.wordpress.com/>
- The student is expected to periodically check classroom website for assignment instructions and syllabus updates.

Tentative course outline (Subject to change – check class blog for updates)

| Date | Week | Topic | Reading/Reference |
|-------------------------------|------|--|-----------------------|
| Thurs Aug 8 | 1 | Introduction to the class | N/A |
| Tues Aug 13 Thurs Aug 15 | 2 | Speech production and manners of articulation Transcriptions, Pt. 1 Consonants | CH.1 CH. 2 |
| Tues Aug 20 Thurs Aug 22 | 3 | Transcription, Pt. 2: Consonants Transcription. Pt. 3: Vowels | CH. 2 CH. 3 |
| Tues Aug 27 Thurs Aug 29 | 4 | Auditory quality of consonants Auditory quality of vowels; Vowels & Allophones | CH.3 & 4 |
| Tues Sept 3 Thurs Sept 5 | 5 | QUIZ #1 -- CH. 1-4 Stress & rhythm Intonation and Tones | CH. 5 & 6 |
| Tues Sept 10 Thurs Sept 12 | 6 | ToBi lab (learning the tools) ToBi | CH. 6 |
| Tues Sept 17 Thurs Sept 19 | 7 | Airstream mechanisms and phonation types States of glottis; VOT | CH.7 |
| Tues Sept 24 Thurs Sept 26 | 8 | Voice Onset Time; States of Glottis Articulatory targets & types of gestures; | CH. 7 |
| Tues Oct 1 Thurs Oct 3 | 9 | QUIZ #2 – CH. 5 – 7 Sound waves & Spectrogram (Consonants) | CH. 8 |
| Tues Oct 8 Thurs Oct 10 | 10 | Spectrogram analysis of Vowels Vowels and vowel-like articulations | CH. 8 & 9 |
| Tues Oct 15 Thurs Oct 17 | 11 | Syllables & stress | CH. 10 |
| Tues Oct 22 Thurs Oct 24 | 12 | PRAAT LAB – Interpreting and analysis vowels PRAAT LAB - Interpreting and analysing vowels (cont.) | READ PRAAT HANDOUT |
| Tues Oct 29 Thurs Oct 31 | 13 | TAKE HOME TEST DUE (CH. 1 - 7) What is phonology? | Odden: Pgs. |
| Tues Nov 5 Thurs Nov 7 | 14 | Allophonic relations Practice phonology | Odden: Pgs. 45 - 65 |
| Tues Nov 12 Thurs Nov 14 | 15 | Underlying representations Practice phonology | Odden: 67 - 80 |
| Tues Nov 19 Thurs Nov 21 | 16 | Practice phonology Special topics in Phonetics: Teaching and learning a foreign language | Odden |
| Tues Nov 26 Thurs Nov 28 | 17 | QUIZ #3 – Phonology <i>Feriado</i> | |
| Tues Dec 3 | 18 | Handing out take-home final assessment | |
| 6-14 Dec | | TAKE-HOME DEADLINE TO BE DETERMINED | |

6. Assessment

- Bring index cards in the first 3 weeks of class (Aug. 13 – 29)
- Quiz – Each quiz will have a transcription component, so be prepared!
- No late homework will be accepted! More than 3 misses will result in a 5% decrease of HW percentage.

| Assessment | Percentage | Date (Subject to change) |
|-------------------------------------|------------|---|
| <i>Homework</i> | 10% | [To be given on a weekly basis] |
| <i>ToBi & PRAAT Labs (x2)</i> | 10% | Week 6 & Week 12 |
| <i>Quizzes (x3)</i> | 30% | Week 5, 9, and 17 |
| <i>Take-Home Mid-Term (1)</i> | 20% | Week 13: Tues, 29 th of October 2019 |
| <i>Final exam (to be submitted)</i> | 30% | [to be determined] |

1. Grading system

Quantifiable (letters)

| | | |
|-----------------|----------|---|
| Standard Curve: | 100 – 90 | A |
| | 89 – 80 | B |
| | 79 – 65 | C |
| | 64 – 55 | D |
| | 54 - | F |

2. Classroom Rules and Regulations

- 1) **Class attendance** is compulsory. The University of Puerto Rico, Mayagüez Campus, reserves the right to deal at any time with individual cases of non-attendance. Professors are expected to record the absences of their students. Frequent absences affect the final grade and may even result in total loss of credits. Arranging to make up work missed because of legitimate class absence is the responsibility of the student.
- 2) **Absence from examinations:** Students are required to attend all examinations. If a student is absent from an examination for a justifiable reason acceptable to the professor and presented to the professor before the date of the exam, he or she will be given a special examination. Otherwise, he or she will receive a grade of zero or "F" in the examination missed.
- 3) **Excuses from class or examinations:** ONLY WRITTEN EXCUSES WILL BE ACCEPTED. If a student is absent from an examination, he/she will have the opportunity to take a make-up test NO LATER than 5 days after the group took the exam. Make-up exams will only be given by appointment if the student has an excuse deemed legitimate by the instructor.

- 4) **Policies on electronic devices: Radios, tape recorders, and other audio or video equipment are not permitted in the classroom at any time. No cell phones are allowed to be used during class.**
- 5) **Cheating: Cheating will be dealt with harshly. *All instances of cheating on examinations will be immediately reported to the Dean of Arts and Sciences for review. There will be no exceptions to this policy.***

Student expectations

- 1) Attend each class and enroll on Wordpress classroom website.
- 2) Do all of the assigned readings.
- 3) Be prepared to participate in class by answering questions and quizzes.
- 4) Check your e-mail (@uprm.edu) for messages about the class.
- 5) For (computer) labs you will need to come to class on time.
- 6) No late submissions for projects/homework accepted.

3. University Policies

Hostigamiento Sexual: La certificación 130-2014-2015, indica:

El hostigamiento sexual en el empleo y en el ambiente de estudio es una práctica ilegal y discriminatoria, ajena a los mejores intereses de la Universidad de Puerto Rico. Toda persona que entienda ha sido objeto de actuaciones constitutiva de hostigamiento sexual en la Universidad de Puerto Rico podrá quejarse para que se investigue, de ser necesario, y se tome la correspondiente acción por parte de las autoridades universitarias. Si quien reclama fuera estudiante, deberá referir su queja a la Oficina de la Procuradora Estudiantil o al Decanato de Estudiantes.

Sexual Harassment: Certification 130-2014-2015 states:

Sexual harassment in the workplace and in the study environment is an illegal and discriminatory act and is against the best interests of the University of Puerto Rico. All persons who understand they have been subject to acts of sexual harassment at the University of Puerto Rico may file a complaint and request that the institution investigate, where necessary, and assume the corresponding action by the university authorities. If the complainant is a student, he or she must refer his or her complaint to the Office of the Student Ombudsperson or that of the Dean of Students

Ley 51: Ley de Servicios Educativos Integrales para Personas con Impedimentos:

Después de identificarse con el profesor y la institución, los estudiantes con impedimento recibirán acomodo razonable en sus cursos y evaluaciones. Para más información comuníquese con el Departamento de Consejería y Servicios Psicológicos en el Decanato de Estudiantes (Oficina DE 21) o a los teléfonos 787-265-3864 ó 787-832-4040 x 3772, 2040 y 3864.

Law 51: The Comprehensive Educational Services Act for People with Disabilities

After identifying with the instructor and the institution, the student with disabilities will receive reasonable accommodation in their courses and evaluations. For more information contact the Department of Counseling and Psychological services at the Office of the Dean of Students (Office DE 21) or call 787-265-3864 or 787-832-4040 x 3772, 2040 and 3864.

La certificación 06-43 del Senado Académico indica “Las guías académicas para el ofrecimiento de cursos en línea”, define:

Cursos presenciales son aquellos que tienen menos de un 25% de las horas contacto regular del curso a través de la Internet. Así, un curso de 3 créditos, será considerado “presencial” si, de las 45 horas de contacto regular, 11 o menos son a través de la Internet. Se debe incluir en los prontuarios lo siguiente: De acuerdo a la certificación 16-43 del senado académico, el curso puede incluir hasta un 25% del total de horas contacto a través de la Internet. El objetivo es que todo profesor tenga esta alternativa ante cualquier eventualidad no programada.

Certification 06-43 of the Academic Senate states, “The academic guidelines for offering online courses” defines:

Traditional face-to-face courses are those that have less than 25% of the course’s regular contact hours via the Internet. Therefore, a three-credit course will be considered “face to face” if, of the 45 hours of regular contact, 11 or less are taught via the Internet. The following should be included in all syllabi: According to certification 16-43 of the Academic Senate, a course may include up to 25% of its total contact hours via the Internet. The objective of this is so that all professors have this alternative in the case of any unscheduled eventuality.