

**LING 3302: Introduction to Phonetics & Phonology**

Spring 2024

**Lectures:** Tu, Th 1:25-2:40PM, Stimson G01**Sections:** Tu 3:35PM - 4:25PM, Goldwin Smith G24  
We 3:35PM - 4:25PM, McGraw 215**Canvas:** <https://canvas.cornell.edu/courses/62537>**Professor:** Jennifer Kuo

Office: Morrill 206

email: [jk2767@cornell.edu](mailto:jk2767@cornell.edu)

Office hours: W 3:30-4:30PM

Th 3:30-4:30PM

**TA:** Lisa Zhao

Morrill 226F

email: [fz227@cornell.edu](mailto:fz227@cornell.edu)

W 9-10AM

<https://cal.com/lzhao/ipp><sup>1</sup>**Prerequisites:** Linguistics 1101, or permission of instructor

**Course synopsis:** This course provides an introduction to two subfields of linguistics: phonetics and phonology. It emphasizes understanding of (1) the articulatory & acoustic properties of speech sounds and (2) theories of how speech sounds are organized into units, and how to describe the patterning of speech sounds.

**What to remember from LING 1101**

- Recognize what the IPA is, including...
  - What are the IPA symbols used for English?
  - What does it mean when a sound is bilabial? alveolar? etc.
- Break words into morphemes (including recognizing multiple possibilities and finding the best solution)
- Know the difference between a phoneme and allophone.

**What you'll learn to do**

- Use phonetic terms for place of articulation, manner of articulation, phonation type, vowel height/advancement/rounding, etc
- Describe sounds found across the world's languages
- Conduct acoustic analyses of speech
- Identify *alternations*—how a sound's pronunciation changes as its environment changes
- Apply ordered rules to underlying forms to derive surface forms
- Recognize how sounds are organized into larger units (syllables, words, phrases, etc)

**Website:** There is a Canvas site for this course, which you should check regularly. The syllabus, homework assignments, and other announcements will be posted on the website.

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<sup>1</sup>Students are encouraged to submit their questions before coming to the office hour via the provided link.

**Course requirements and grading:**

Reading quizzes	5%
Participation in class/section	5%
Labs	50%
Prelim	20%
Final exam (take-home)	20%

**Reading quizzes:** There will be 5 multiple-choice quizzes that draw on both the readings and our lectures. Quizzes are self-paced, but always due Monday 11:59pm (see schedule). These will be on Canvas, and you will get 2 attempts (30 min each) for each quiz. These are meant to be a low-stakes way for us (and you) to assess your understanding of the materials.

**Participation:** You are expected to participate in the course in several ways: (1) attending all lectures and sections and arriving on time, (2) being attentive (by asking questions in class, taking notes, and/or participating in the Canvas forums), (2) turning in assignments on time, (3) doing all assigned readings.

**Labs:** There will be 11 labs in total, and the lowest lab grade will be dropped. These are written assignments, some practical, some analytic. Assignments are always due at **11:59pm on Friday**.

**Late policy:**

*Extensions.* For both labs and reading quizzes, extensions may be given if you ask before 10am on the due date and provide a valid reason (documentation helpful, but not needed. We understand that emergencies happen).

*Late labs.* Any lab can be handed in late, but small deductions will be made. For each hour late, one half percent of the total grade on that assignment is deducted, e.g. full day late = 12% off. If you received an extension, the deduction will be calculated from the new due date.

*Reading quizzes.* Late quizzes are immediately marked as receiving 0 points (unless you already asked for an extension beforehand).

**Absences:** For lectures, email the professor at least by 10AM the day of class. For sections, please notify the TA.

**Software.** In this course you will need to Praat, a free software for acoustic analysis.

- Link: <http://www.fon.hum.uva.nl/praat/>
- You should be able to download and use Praat with any operating system.

**Readings:** Will be available on Canvas, and draw from the following textbooks (note acronyms):

*AAP:* Johnson, K. (2003). *Acoustic and Auditory Phonetics*. Wiley-Blackwell.

*IP:* Hayes, B. (2008). *Introductory Phonology*. Wiley-Blackwell.

*CiP:* Ladefoged, P. & Johnson, K. (2010). *A Course in Phonetics*. Wadsworth.

**Prelims and final:** There will be one closed-book prelin during regular class period and a take-home final exam. The final exam will focus on the content covered in the second of the class (i.e. phonology), but will also include material from earlier in the course. Students are responsible for all material covered in class, lectures and sections, assigned readings and assignments.

### Email policy

- I will generally answer emails within 1 workday.
- If you ask a complex question through email, I may direct you to office hours instead of answering the question completely. These questions usually require more in-depth explanations that are better suited for office hours.

**Extra credit:** You can obtain extra credit by participating in an experiment in one of the labs associated with the Linguistics Department, participating in a language-related experiment on SONA, or by attending one of the talks offered in the Linguistics Department throughout the semester. Details:

- 1 point max extra credit
- 0.5% for each submitted talk write-up (max 1.5% after 3)<sup>2</sup>
- 0.5% for each 30 minutes of SONA (or non-SONA) experiment(s).
- NOTE: Before signing up for experiments, you MUST select the course for which you want your experiment credits to count.

**Academic Integrity:** Each student in this course is expected to abide by the Cornell University Code of Academic Integrity. Any work submitted by a student in this course for academic credit will be the student's own work. See <https://theuniversityfaculty.cornell.edu/academic-integrity/> for additional information and resources. In this course, you are welcome to work together on your assignments (of course, not exams), but the written work you turn in must be your own. If you work together on an assignment, please list the name(s) of those you worked with.

**Students with Disabilities:** Your access in this course is important to me. Please request your accommodation letter early in the semester, or as soon as you become registered with SDS, so that we have adequate time to arrange your approved academic accommodations.

Once SDS approves your accommodation letter, it will be emailed to both you and me. Please follow up with me to discuss the necessary logistics of your accommodations. If you are approved for exam accommodations, please consult with me at least two weeks before the scheduled exam date to confirm the testing arrangements.

If you experience any access barriers in this course, such as with printed content, graphics, online materials, or any communication barriers; reach out to me or SDS right away.

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<sup>2</sup> Form for write-ups and a schedule of talks is given on Canvas. As more talks come up, I will also share them with you via Canvas announcements.

If you need an immediate accommodation, please speak with me after class or send an email message to me and SDS at [sds\\_cu@cornell.edu](mailto:sds_cu@cornell.edu).

If you have, or think you may have a disability, please contact Student Disability Services for a confidential discussion: [sds\\_cu@cornell.edu](mailto:sds_cu@cornell.edu), 607-254-4545, [sds.cornell.edu](http://sds.cornell.edu).