

Laboratory Phonology

LING 5322 - 001

Meeting Time: Monday/Wednesday 4:00 – 5:20

Meeting Location: Trimble Hall 119

Fall 2016

Instructor: Cindy Kilpatrick

Faculty Profile: <https://www.uta.edu/profiles/cynthia-kilpatrick>

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Office Hours:	by appointment		
TA/Lab Assistants:			

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Tues 1-2 and Wed 2-3 in HH 132f

Description of Course Content

Ling 5322 is focused on becoming familiar with different ways to gather empirical data that informs questions of phonological theory. The course will cover basic acoustic and articulatory phonetics, as well as additional instrumental techniques that can be used to experimentally investigate and analyze the production and perception of speech sounds. Course readings, class discussions, and hands-on laboratory sessions will help students acquire the necessary skills to complete work in laboratory phonology. Students will be expected to conduct an independent research project using the tools acquired in class.

Student Learning Outcomes

After successfully completing this course, students should be able to:

- 1) Measure acoustic and articulatory aspects of different sounds
- 2) Read and understand published work in laboratory phonology
- 3) Analyze instrumental data from different theoretical perspectives
- 4) Argue for a phonological analysis using empirical data
- 5) Present results and analyses in appropriate format and style
- 6) Identify interesting phonetic or phonological patterns, and discuss appropriate ways to gather related empirical data

Attendance and Participation

At The University of Texas at Arlington, taking attendance is not required but attendance is a critical indicator in student success. Each faculty member is free to develop his or her own methods of evaluating students' academic performance, which includes establishing course-specific policies on attendance. As the instructor of this section, I will not count attendance against your grade, but the "Reading responses & discussion" portion may be positively affected by regular attendance.

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While UT Arlington does not require instructors to take attendance in their courses, the U.S. Department of Education requires that the University have a mechanism in place to mark when Federal Student Aid recipients “begin attendance in a course.” UT Arlington instructors will report when students begin attendance in a course as part of the final grading process. Specifically, when assigning a student a grade of F, faculty report the last date a student attended their class based on evidence such as a test, participation in a class project or presentation, or an engagement online via Blackboard. This date is reported to the Department of Education for federal financial aid recipients.

Textbook

There is no assigned textbook for this course. Readings will consist of a set of articles and book chapters. These readings will be made available on Blackboard.

Grading and Course Requirements

The course grade will be determined in the following manner:

Lab Assignments	50%
Reading responses and discussion	20%
Final Project	30%

Lab Assignments

Each week, the Wednesday class will be a lab session in which students learn and practice some aspect of laboratory phonology. These will be supervised and run by the TA's for the course. Students will have an assignment most weeks to work on in lab, due no later than lab time of the following week. Work completed within lab sessions cannot be made up unless students arrange it beforehand with the instructor AND the lab assistant/TA.

Reading responses and discussion

For most readings, a reading response will be expected on Blackboard. These will be used to guide discussion and help identify specific areas to focus on.

Final Project

The final project for this class will take the form of a write-up of a speech perception experiment that students will develop and run over the course of the semester. This will include recording of production data, segmentation and possible manipulation of the production data to create stimuli for the perception portion, creating a perception experiment within Praat or another appropriate experimental program, running the experiment with actual participants, and analyzing the results. The write-up will include detailed description of each of the steps mentioned.

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Departmental and University Policies

Students are expected to keep track of their performance throughout the semester and seek guidance from available sources (including the instructor) if their performance drops below satisfactory levels; see “Student Support Services,” below.

Expectations for Out-of-Class Study: Beyond the time required to attend each class meeting, students enrolled in this course should expect to spend at least an additional 6 hours per week of their own time in course-related activities, including reading required materials, completing assignments, preparing for exams, etc.

Grade Grievances: Any appeal of a grade in this course must follow the procedures and deadlines for grade-related grievances as published in the current University Catalog.

For graduate courses, see <http://catalog.uta.edu/academicregulations/grades/#graduatetext>.

For student complaints, see <http://www.uta.edu/deanofstudents/student-complaints/index.php>.

Drop Policy: Students may drop or swap (adding and dropping a class concurrently) classes through self-service in MyMav from the beginning of the registration period through the late registration period. After the late registration period, students must see their academic advisor to drop a class or withdraw. Undeclared students must see an advisor in the University Advising Center. Drops can continue through a point two-thirds of the way through the term or session. It is the student's responsibility to officially withdraw if they do not plan to attend after registering. Students will not be automatically dropped for non-attendance. Repayment of certain types of financial aid administered through the University may be required as the result of dropping classes or withdrawing. For more information, contact the Office of Financial Aid and Scholarships (<http://wweb.uta.edu/aao/fao/>).

Disability Accommodations: UT Arlington is on record as being committed to both the spirit and letter of all federal equal opportunity legislation, including The Americans with Disabilities Act (ADA), The Americans with Disabilities Amendments Act (ADAAA), and Section 504 of the Rehabilitation Act. All instructors at UT Arlington are required by law to provide “reasonable accommodations” to students with disabilities, so as not to discriminate on the basis of disability. Students are responsible for providing the instructor with official notification in the form of a letter certified by the Office for Students with Disabilities (OSD). Only those students who have officially documented a need for an accommodation will have their request honored. Students experiencing a range of conditions (Physical, Learning, Chronic Health, Mental Health, and Sensory) that may cause diminished academic performance or other barriers to learning may seek services and/or accommodations by contacting:

The Office for Students with Disabilities, (OSD) www.uta.edu/disability or calling 817-272-3364. Information regarding diagnostic criteria and policies for obtaining disability-based academic accommodations can be found at www.uta.edu/disability.

Counseling and Psychological Services, (CAPS) www.uta.edu/caps/ or calling 817-272-3671 is also available to all students to help increase their understanding of personal issues, address mental and behavioral health problems and make positive changes in their lives.

Non-Discrimination Policy: The University of Texas at Arlington does not discriminate on the basis of race, color, national origin, religion, age, gender, sexual orientation, disabilities, genetic information, and/or veteran status in its educational programs or activities it operates. For more information, visit uta.edu/eos.

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Title IX Policy: The University of Texas at Arlington (“University”) is committed to maintaining a learning and working environment that is free from discrimination based on sex in accordance with Title IX of the Higher Education Amendments of 1972 (Title IX), which prohibits discrimination on the basis of sex in educational programs or activities; Title VII of the Civil Rights Act of 1964 (Title VII), which prohibits sex discrimination in employment; and the Campus Sexual Violence Elimination Act (SaVE Act). Sexual misconduct is a form of sex discrimination and will not be tolerated. For information regarding Title IX, visit www.uta.edu/titleIX or contact Ms. Jean Hood, Vice President and Title IX Coordinator at (817) 272-7091 or jmhood@uta.edu.

Academic Integrity: Students enrolled all UT Arlington courses are expected to adhere to the UT Arlington Honor Code:

I pledge, on my honor, to uphold UT Arlington’s tradition of academic integrity, a tradition that values hard work and honest effort in the pursuit of academic excellence. I promise that I will submit only work that I personally create or contribute to group collaborations, and I will appropriately reference any work from other sources. I will follow the highest standards of integrity and uphold the spirit of the Honor Code.

UT Arlington faculty members may employ the Honor Code in their courses by having students acknowledge the honor code as part of an examination or requiring students to incorporate the honor code into any work submitted. Per UT System Regents’ Rule 50101, §2.2, suspected violations of university’s standards for academic integrity (including the Honor Code) will be referred to the Office of Student Conduct. Violators will be disciplined in accordance with University policy, which may result in the student’s suspension or expulsion from the University. Additional information is available at <https://www.uta.edu/conduct/>.

Electronic Communication: UT Arlington has adopted MavMail as its official means to communicate with students about important deadlines and events, as well as to transact university-related business regarding financial aid, tuition, grades, graduation, etc. All students are assigned a MavMail account and are responsible for checking the inbox regularly. There is no additional charge to students for using this account, which remains active even after graduation. Go to <http://www.uta.edu/oit/cs/email/mavmail.php> for information about activating & using MavMail

Campus Carry: Effective August 1, 2016, the Campus Carry law (Senate Bill 11) allows those licensed individuals to carry a concealed handgun in buildings on public university campuses, except in locations the University establishes as prohibited. Under the new law, openly carrying handguns is not allowed on college campuses. For more information, visit <http://www.uta.edu/news/info/campus-carry/>

Student Feedback Survey: At the end of each term, students enrolled in face-to-face and online classes categorized as “lecture,” “seminar,” or “laboratory” are directed to complete an online Student Feedback Survey (SFS). Instructions on how to access the SFS for this course will be sent directly to each student through MavMail approximately 10 days before the end of the term. Each student’s feedback via the SFS database is aggregated with that of other students enrolled in the course. Students’ anonymity will be protected to the extent that the law allows. UT Arlington’s effort to solicit, gather, tabulate, and publish student feedback is required by state law and aggregate results are posted online. Data from SFS is also used for faculty and program evaluations. For more information, visit <http://www.uta.edu/sfs>.

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Final Review Week: for semester-long courses, a period of five class days prior to the first day of final examinations in the long sessions shall be designated as Final Review Week. The purpose of this week is to allow students sufficient time to prepare for final examinations. During this week, there shall be no scheduled activities such as required field trips or performances; and no instructor shall assign any themes, research problems or exercises of similar scope that have a completion date during or following this week unless specified in the class syllabus. During Final Review Week, an instructor shall not give any examinations constituting 10% or more of the final grade, except makeup tests and laboratory examinations. In addition, no instructor shall give any portion of the final examination during Final Review Week. During this week, classes are held as scheduled. In addition, instructors are not required to limit content to topics that have been previously covered; they may introduce new concepts as appropriate.

Emergency Exit Procedures: Should we experience an emergency event that requires us to vacate the building, students should exit the room and move toward the nearest exit, which is located to the left as you exit the classroom. When exiting the building during an emergency, one should never take an elevator but should use the stairwells. Faculty members and instructional staff will assist students in selecting the safest route for evacuation and will make arrangements to assist individuals with disabilities. Please subscribe to the MavAlert system that will send information in case of an emergency to your cell phones or email accounts. Anyone can subscribe at <https://mavalert.uta.edu/> or <https://mavalert.uta.edu/register.php>

Student Support Services: UT Arlington provides a variety of resources and programs designed to help students develop academic skills, deal with personal situations, and better understand concepts and information related to their courses. Resources include tutoring, major-based learning centers, developmental education, advising and mentoring, personal counseling, and federally funded programs. For individualized referrals, students may visit the reception desk at University College (Ransom Hall), call the Maverick Resource Hotline at 817-272-6107, send a message to resources@uta.edu, or go to <http://www.uta.edu/universitycollege/resources/index.php>.

The English Writing Center (411LIBR): The Writing Center Offers free tutoring in 20-, 40-, or 60-minute face-to-face and online sessions to all UTA students on any phase of their UTA coursework. Our hours are 9 am to 8 pm Mon.-Thurs., 9 am-3 pm Fri. and Noon-6 pm Sat. and Sun. Register and make appointments online at <http://uta.mywconline.com>. Classroom Visits, workshops, and specialized services for graduate students are also available. Please see www.uta.edu/owl for detailed information on all our programs and services.

The Library's 2nd floor Academic Plaza (<http://library.uta.edu/academic-plaza>) offers students a central hub of support services, including IDEAS Center, University Advising Services, Transfer UTA and various college/school advising hours. Services are available during the library's hours of operation. The IDEAS Center (2nd Floor of Central Library) offers free tutoring to all students with a focus on transfer students, sophomores, veterans and others undergoing a transition to UT Arlington. To schedule an appointment, email IDEAS@uta.edu or call (817) 272-6593.

Librarian to Contact: UTA's Linguistics/TESOL librarian is Jody Bailey (jbailey@uta.edu). She can help you find the best scholarly, authoritative materials you'll need for your research project. If you need immediate help during evenings and weekends, contact the UTA Library Central Service Point: <http://ask.uta.edu/>. Additional help can be found on these guides:

- Linguistics Research Guide: <http://libguides.uta.edu/linguistics>
- TESOL Research Guide: <http://libguides.uta.edu/tesol>

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Very flexible schedule of classes

I, Cynthia D. Kilpatrick, reserve the right to adjust this schedule in any way that serves the educational needs of the students enrolled in this course

Week and Dates	Topic and Assignments
Week 0	Classes begin Thursday, August 25 – no class this week
Week 1 August 29 and 31	What's LabPhon and what can we do with it? Lab #1: recording, basic annotation, and splitting files
Week 2 September 5 and 7	No class on Monday – Labor Day holiday IRB mini-conference on Friday in place of lab
Week 3 September 12 and 14	Acoustics 1: Consonants
Week 4 September 19 and 21	Acoustics 2: Vowels
Week 5 September 26 and 28	Acoustics 3: The science behind acoustics
Week 6 October 3 and 5	Acoustics 4: Pitch and tone
Week 7 October 10 and 12	Acoustics 5: Pauses, duration, etc
Week 8 October 17 and 19	Perception 1: Discrimination
Week 9 October 24 and 26	Perception 2: Identification
Week 10 Oct 31 and Nov 2	Perception 3: Ratings and Wordlikeness
Week 11 November 7 and 9	Perception 4: Other experimental tools
Week 12 November 14 and 16	Articulation 1: Palatography
Week 13 November 21 and 23	Articulation 2: Emma or nasal airflow
Week 14 November 28 and 30	Articulation 3: ultrasound
Week 15 December 5 and 7	Student research presentations