Introduction to Phonetics/Elements of Phonetics
SLHS 30600/LING 31500 – Spring 2016

Instructor: Alexander L. Francis
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Office: LYLE 3062
Phone: (765) 494-3815
Lecture Time/room: Mon/Wed 9:30-10:20 LYLE 1160
Labs:
   Wednesday 11:30-1:20 LYLE 1150
   Wednesday 3:30-5:20 LYLE 1017
   Friday 7:30-9:20 LYLE 1150
   Friday 9:30-11:20 LYLE 1028
Teaching Assistants: Rana Abu-Zhaya rabuzhay@purdue.edu
   April Grotberg agrotber@purdue.edu
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   Mallory Rotondo mrotondo@purdue.edu
Instructor Office Hours: Thursday, 12:30-1:20, and by appointment
TA Office Hours/Location: TBD/TBD

Students with Disabilities: If you believe you have a disability, medical condition or other special circumstances that may affect your participation in this course please contact the Dean of Students Office (Schleman 207, 4-1747, www.purdue.edu/odos/drc/welcome.php) so that suitable arrangements can be made. No accommodations can be provided without express written instructions from the Office of the Dean of Students.

COURSE MATERIALS

Required textbook
   • You must have the audio CDs that accompany this book. They may be purchased separately or as a package:
      o Textbook (hard copy) ISBN 0133895726
      o Textbook (PDF) ISBN 0133895696
      o CDs only ISBN 013403306X
      o Textbook + CDs ISBN 0134204816
   • The eTextbook does not come with the audio CDs.

Supplementary References
PDFs as assigned and posted to Blackboard.

Additional Materials
You will also need a pair of headphones (i.e. for an iPod or computer). I recommend that you have laptop computer that you can bring to class. It will also be helpful to have a microphone and a basic
calculator (not required). It is acceptable to use a headset mic/headphone combination such as may be used for online gaming, etc.

Blackboard Learn (http://mycourses.purdue.edu)
Blackboard will be our primary method of course organization. Grades, important announcements, lecture notes, homework assignments, and other material will be distributed via Blackboard. The content will be organized by course topics: all of the material for a given topic (homework assignments, study guides, worksheets, audio files for lab, etc.) will be in the same folder. Please note that since transcription is such an important part of this course, there is a separate folder for transcription material.

Mixable (http://www.purdue.edu/mixable/)
We will be using Mixable as a means to facilitate continued discussion outside of class hours. Your TAs and I commit time each day to read and respond to comments and questions posted via Mixable, and we encourage you to post and respond to your classmates as well. Some class information may be distributed only via Mixable, and it is your responsibility to be able to access it in a timely manner. Basic instructions for Mixable have been posted to Blackboard; if you have problems, please contact ITaP.

COURSE OBJECTIVES
This course is an introduction to the field of phonetics, the study of the production and perception of speech, with emphasis on using the International Phonetic Alphabet (IPA) as a tool for manually recording aspects of speech as it is produced, and the use of acoustic analysis to further explore speech production and perception. The study of phonetics is relevant to a variety of disciplines, from linguistics, audiology and speech/language pathology to sociology, law, music, and human-computer interface design. The course is intended primarily for undergraduate majors in linguistics and speech/language pathology and audiology, but other disciplines will be referenced when possible.

By the end of the semester you should be able to:
- Explain the mechanisms of speech sound production
- Understand the rationale, benefits and shortcomings of phonetic transcription
- Relate the production of speech to its perception
- Describe speech sounds in terms of linguistic phonetic features
- Recognize and transcribe common speech sounds from English and other languages
- Understand and be able to conduct computerized acoustic analyses of speech sounds using the freely available Praat software.

ASSIGNMENTS
Reading: All reading assignments for a given day should be completed before you come to class on that day.

Homework: Homework will be assigned regularly. Some assignments may require you to download and run various free computer programs. These may be done on your computer or in one of the ITaP labs on campus. Assignments not turned in on the due date will receive a grade of 0. No make-up assignments will be given for any reason.

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Quizzes: Short quizzes will be given during labs to ensure that you are keeping up with and understanding course material. Quizzes must be done individually. Quizzes may include transcription of live or recorded speech. **No make-up quizzes will be given for any reason.**

Midterm Examinations: There will be two written midterm exams scheduled during the semester (Tuesday Feb. 16th and Wednesday March 30th). This are **evening exam** so make sure you are available to attend. There will be no class on the Wednesday of the week of the midterm. These exams may include transcription of live or recorded speech.

Lab Practicum (Transcription Exam): This exam will consist of transcription of live or recorded speech. Samples may be typical or disordered English speech including children’s speech, and may also include typical adult speech produced by native speakers of languages other than English (i.e. potentially including accented English speech as well as speech from foreign languages containing non-English speech sounds). This exam will be given in a computer lab.

Final Exam: The final exam will be cumulative, and will be administered according to the campus-wide final exam schedule. There will be no transcription of live or recorded speech on the final exam.

Final Project. You will complete a final project involving acoustic analysis of speech, comparing a non-standard speaker with a standard. This will be completed as part of a group, but grades will be assigned individually. See accompanying document.

Extra Credit. You may earn up to 10 points of Extra Credit through volunteering in the Oral English Proficiency Program (see accompanying document).

**Grading:** Course grade will be based on performance on the items described in the following table:

<table>
<thead>
<tr>
<th>Item</th>
<th>Points</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Midterm Exam Feb. 16</td>
<td>50</td>
<td>8%</td>
</tr>
<tr>
<td>Midterm Exam March 30</td>
<td>50</td>
<td>8%</td>
</tr>
<tr>
<td>Team Contract</td>
<td>15</td>
<td>3%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>100</td>
<td>17%</td>
</tr>
<tr>
<td>Transcription Exam</td>
<td>70</td>
<td>12%</td>
</tr>
<tr>
<td>Final Project</td>
<td>75</td>
<td>13%</td>
</tr>
<tr>
<td>Quizzes</td>
<td>120</td>
<td>20%</td>
</tr>
<tr>
<td>Homework</td>
<td>120</td>
<td>20%</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>600 points</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
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Note: Due to the significant changes we are implementing this year, we reserve the right to reduce the number of graded assignments (homework and lab quizzes). This will likely occur through consolidation of assignments. Please monitor Mixable, in-class announcements, and Blackboard announcements for details.

The final grade will be scored: A+ (97-100%, 582 pts and above), A (93-96%, 558-581 pts), A- (90-92%, 540-557 pts); B+ (87-89%, 522-539 pts), B (83-86%, 498-521), B- (80-82%, 480-497 pts); C+ (77-79% 462-479 pts), C (73-76%, 438-461 pts), C- (70-72%, 420-437 pts); D+ (63-69%, 378-419 pts), D (56-62%, 336-377 pts), D- (50-55%, 300-378 pts); F (≤ 49%, < 300 pts). Grades will be posted via Blackboard Learn as soon as the assignment has been graded for the entire class.

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COURSE POLICIES

Classroom atmosphere: Class sessions will entail group work, open discussion and lectures. Respect and courtesy for others is expected, which includes listening to whoever has the floor. Advance preparation and in-class participation are expected. The whole point of the lecture periods is to be able to interact with one another and with me and the TAs, and I expect you to be able to work with me when called upon to do so. Please be respectful of your instructors and your colleagues. If you must discuss something while someone else is talking, please do so quietly. Please refrain from discussing topics unrelated to the class. If your discussion appears to be disruptive to the instructor or to other students you will be asked to leave class for the day. If you must leave early or arrive late, please make sure you enter or leave as quietly and unobtrusively as possible. I appreciate being notified of such occasions in advance, but understand that this is not always possible.

Electronic Devices in Class: You are encouraged to bring your phone, tablet or laptop computer to lectures. However, you may use electronic devices in class only for SLHS 30600/LING 31500 class work. Use of e-devices to find information during class is encouraged. Non class e-device use is not permitted. Please disable or suspend things that may “pop up” on your laptop during use (Skype, IM, twitter, etc.). In general, because we may ask you to display your desktop to the class, you should make sure that you do not have anything running on your laptop that would be embarrassing or disruptive if displayed to the whole class. Use of any communication device during exams or quizzes will result in a 0 on the assignment and may be referred to the Office of the Dean of Students.

Conflict Exam Policy: Because this is a large class, there may be a few students entitled to a conflict exam (see ODoS policies on conflict exam eligibility). This conflict exam will be scheduled according to the needs of eligible students, and location will be determined by space available at that time. If there is additional space in the scheduled conflict exam room, other students may be given the option of taking the conflict exam at the same time as the eligible students. Priority for this option will be determined by cumulative grade on the midterm exams. If none of the eligible students elect to take the conflict exam, none will be offered. Note: The conflict exam time may be earlier or later than the official exam time and, at the discretion of the instructor and with the agreement of all students eligible to take it according to university regulations, may be provided outside of the regular examining period.

Please do not schedule travel for the end of the semester until after you have verified the date and time of the final exam. No conflict exams will be given for students wishing to leave campus before the official end of the semester except under exceptional circumstances (see below).

Make-up assignment policy: In general, we do not allow students to make up assignments completed in classes they have missed. However, Purdue provides guidelines for unanticipated grief-related absences as well as anticipated absences related to religious obligations and military service https://www.purdue.edu/advocacy/students/absences.html. I also consider participation in a Purdue-sanctioned sporting event or performance, and in academic conferences to be excusable, and if you are the primary caregiver for another person and might have to miss class if they are ill, please let me know as soon as possible. In the case of anticipated absences, you must provide written documentation of the event or obligation from a supervisor (coach, director, principle investigator, religious leader, commanding officer). If your absence was unanticipated but is not covered by the Purdue Grief Absence Policy for Students (i.e. serious personal illness or injury, illness of a dependent for whom you are solely responsible) your absence may be excused only within 1 week following the date of your return to campus and upon presentation of written documentation verified by the Office of the Dean

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of Students. In order to qualify for a make-up exam, your absence must be confirmed by the Office of the Dean of Students. If you have questions about this policy, please ask.

Grade appeal policy: Any concerns about grades given on a particular assignment must be put in writing (hardcopy) and given to your TA, attached to the assignment to which they refer. Your written statement should include a description of why you believe the grade to be incorrect, and what you believe the grade should be. The course instructor is the final arbiter on all such decisions. The only exception to this rule is if there are obvious errors in arithmetic, which may be brought to your TA’s attention directly. In order to be considered, any appeal must be submitted within 1 week of the date on which the assignment is handed back.

Student Academic Misconduct (a.k.a. cheating): If you work together with colleagues on a homework assignment, make sure you can also do the work on your own when your colleagues are not there to help you. If you work together on a homework assignment, you are expected to include all authors’ names on the assignment (whether or not they are currently enrolled in the class). Copying answers from anyone without attribution is plagiarism, and will be treated as such. You may not collaborate with anyone on quizzes or exams. Copying answers from classmates, allowing others to copy your answers, or in any way working together with others on quizzes or exams, using others’ work without attribution, and all other forms of cheating will result in an automatic 0 on the assignment and the incident may be reported to the Dean of Students for disciplinary action for the first offense. For any subsequent offense, an F will be automatically assigned for the class grade and both incidents will be reported to the Dean of Students for disciplinary action. Do not present the work of others as your own. Please review carefully the document “Academic Integrity: A Guide for Students” available at: https://www.purdue.edu/odos/academic-integrity/

Student Rights and Complaints: The official policies of the University concerning student rights and complaints, honesty and academic misconduct can be found in the Academic Procedure Manual, and in University Regulations, available from the Office of the Dean of Students or at: http://www.purdue.edu/studentregulations/student_conduct/regulations.html

In general, any problems should be brought first to your TA. If you feel you cannot discuss the problem with your TA, please talk to the course instructor. You may also contact one of the department Ombudspersons before going to the department Head or the Dean of Students. The SLHS Ombudspersons are Professors Preeti Sivasankar (email: msivasankar@purdue.edu) and Hope Gulker (email: hgulker@purdue.edu). The Head of SLHS is Professor Keith Kluender (email: kkluender@purdue.edu). You can also talk with any of the SLHS undergraduate advisors: Michelle Mullen (mmull@purdue.edu), Maria Hartwig (mhartwi@purdue.edu) and Mary Taylor (taylorm@purdue.edu).

Campus Emergency: In the event of a major campus emergency, course requirements, deadlines and grading percentages are subject to changes that may be necessitated by a revised semester calendar or other circumstances. Here are ways to get information about changes in this course: Blackboard Learn web page (https://blackboard.purdue.edu/), the course Mixable feed (http://www.purdue.edu/mixable/), my email address: francisa@purdue.edu, and my office phone: 494-3815.

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