



Faculty of Arts
School of Languages, Linguistics, Literatures and Cultures

Linguistics 341
Phonetics I

Winter 2020
MWF 14:00-14:50
Science B 142

COURSE OUTLINE

INSTRUCTOR'S NAME: Stephen Winters

OFFICE LOCATION: Education Classrooms (EDC) 259

OFFICE HOURS: Tue. 11-12 + Fri. 10-11

TELEPHONE NUMBER: 403-220-3598

E-MAIL: swinters@ucalgary.ca

DESCRIPTION

This course is an introduction to the phonetics of the languages of the world. We will explore this broad topic by (primarily) employing phonetic transcription and acoustic analysis to look at speech cross-linguistically. Readings, lectures and homework exercises provide an extensive survey of the speech sounds of the languages of the world, and an introduction to the basic tools of phonetic science.

OUTCOMES

Students who successfully complete this course should be able to transcribe and produce any speech sound used meaningfully in the world's languages. They should also be able to identify the articulatory features of any speech sound, be able to record speech with a computer, and conduct a basic analysis of the primary acoustic features of a recorded sample of speech. Students will also gain an understanding of the basic theories of phonetic science, and the fundamental principles of how phonetic representations of speech reflect and relate to phonological patterns in language.

DISTRIBUTION OF GRADES

Homework exercises (HW):	15%
Production exercises (PEX):	15%
Participation (TRES):	15%
Midterm exam:	25%
Final exam:	25%
Production exam:	5%



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GRADING SCALE

97% \leq A+	71 \leq C+ < 75
92 \leq A < 97	66 \leq C < 71
88 \leq A- < 92	62 \leq C- < 66
84 \leq B+ < 88	58 \leq D+ < 62
79 \leq B < 84	50 \leq D < 58
75 \leq B- < 79	F < 50

Grading

The course grade will be based on your performance on homework exercises, production exercises, a production exam, course participation, a midterm exam and a final exam.

Homework will consist primarily of transcription practice and acoustic analysis exercises. I will expect you to complete these assignments independently, outside of class, as they will be graded for credit. Materials for the transcription exercises will be made available from the course website. These assignments are labeled as (HW) in the course schedule given below. Late homeworks will only be accepted in cases of documented medical or family emergencies.

Production Exercises. Over the course of the semester, you will be expected to learn how to produce the various sounds of the International Phonetic Alphabet. I will assign production exercises to test your ability to produce the sounds that have been presented in class. These assignments are labeled as (PEX) in the course schedule given below. You will be responsible for making recordings of yourself producing these sounds and sending the sound files to me for grading purposes. If you do not own a computer with which you can record yourself, you may use the facilities of the Phonetics Lab (see below) to do so.

I will provide you with more details regarding the production exam as the semester proceeds.

Participation grades will primarily be based on the completion of assignments in and for each Friday discussion section. These assignments are labeled as (TRES) in the course schedule below. Since these assignments will be discussed in class, points will *not* be taken off if honest (independent) effort yielded incorrect results. However, points will be taken off if an assignment is incomplete or carelessly done.

In borderline cases, class participation in the traditional sense may be used when assigning final grades.

Exams. The final exam will draw mostly from material covered in the second half of the course. Make-up exams will not be given except in the case of dire, documented medical emergencies.

RECOMMENDED TEXTS

Peter Ladefoged and Keith Johnson (2014), *A Course in Phonetics*, 7th ed. Boston: Wadsworth.

Henning Reetz and Allard Jongman (2009), *Phonetics: Transcription, Production, Acoustics and Perception*, Chichester, UK: Wiley/Blackwell.



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COURSE NOTES

Course Web Page: uofclinguistics.org/341/

All lecture notes, handouts and homework exercises—along with updated versions of this syllabus—will be posted to the course website. Please check it on a regular basis if you are interested in having access to these materials.

Discussion sessions

It is relatively easy to learn the basic principles of phonetics (and phonetic transcription), but you will only become better at working with those principles through practice. Lots and lots of practice. Therefore, each Friday will be devoted to a review and application of the material covered during the lecture sections that week. During these discussion sessions you will have an opportunity to practice your skills at phonetic transcription, work on in-class phonetic analysis projects, and to discuss the assigned reading(s) for that week.

Resources

1. The Department of Linguistics Phonetics Lab is located in Education 259 (EDC 259; phone: 220-3598). The lab is set up to make high quality acoustic recordings of speech, which you are more than welcome to use for your production exercises for this class. If you would like to use the resources of the Phonetics Lab at any time, please contact me or the TA to set up an appointment.

2. Sound files and exercises from *A Course in Phonetics* (one of the textbooks for this class), may be found on the web at:

<http://linguistics.berkeley.edu/acip/>

An older, but still useful version of the textbook's website may be found here:

<http://www.phonetics.ucla.edu/course/contents.html>

3. Additionally, helpful sound materials may be found here:

<http://www.phonetics.ucla.edu/vowels/contents.html>

4. For this class, you will be required to submit transcriptions that have been coded in LaTeX, a free and open source word processing program. If you do not already have LaTeX installed on your computer, you can download a copy of it from here:

<https://www.latex-project.org/about/>

If you are used to a word processor like Microsoft Word, LaTeX's interface takes awhile to get used to, but it has the crucial benefit of being able to always produce properly formatted IPA text in documents. Since the use of LaTeX will be important for all of the homework assigned in this course, we will walk through how to use LaTeX to produce phonetic transcriptions together, during the first week of class.

5. Praat is a great software package for phonetic analysis. Among (many) other things, you may use Praat to record, edit and play sound files on your computer. You will need to download Praat to complete many of the exercises in this class; you can get it for free here:

<http://www.fon.hum.uva.nl/praat/>



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ACADEMIC MISCONDUCT

1. **Plagiarism** is a serious offence, the penalty for which is an F on the assignment and possibly also an F in the course, academic probation, or requirement to withdraw. Plagiarism exists when:

- a) the work submitted or presented was done, in whole or in part, by an individual other than the one submitting or presenting the work (this includes having another impersonate the student or otherwise substituting the work of another for one's own in an examination or test);
- b) parts of the work are taken from another source without reference to the original author;
- c) the whole work (e.g., an essay) is copied from another source, and/or
- d) a student submits or presents work in one course which has also been submitted in another course (although it may be completely original with that student) without the knowledge of or prior agreement of the instructor involved.

While it is recognized that scholarly work often involves reference to the ideas, data and conclusions of other scholars, intellectual honesty requires that such references be explicitly and clearly noted."

Plagiarism occurs not only when direct quotations are taken from a source without specific acknowledgement but also when original ideas or data from the source are not acknowledged. A bibliography is insufficient to establish which portions of the student's work are taken from external sources; footnotes or other recognized forms of citation must be used for this purpose.

2. **Cheating** at tests or examinations includes but is not limited to dishonest or attempted dishonest conduct such as speaking to other candidates or communicating with them under any circumstances whatsoever; bringing into the examination room any textbook, notebook, memorandum, other written material or mechanical or electronic device not authorized by the examiner; writing an examination or part of it, or consulting any person or materials outside the confines of the examination room without permission to do so, or leaving answer papers exposed to view, or persistent attempts to read other students' examination papers.

3. **Other academic misconduct** includes, but is not limited to, tampering or attempts to tamper with examination scripts, class work, grades and/or class records; failure to abide by directions by an instructor regarding the individuality of work handed in; the acquisition, attempted acquisition, possession, and/or distribution of examination materials or information not authorized by the instructor; the impersonation of another student in an examination or other class assignment; the falsification or fabrication of clinical or laboratory reports; the non-authorized tape recording of lectures.

4. Any student who voluntarily and consciously aids another student in the commission of one of these offences is also guilty of academic misconduct.

COPYRIGHT LEGISLATION

All students are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright (<https://www.ucalgary.ca/policies/files/policies/acceptable-use-of-material-protected-by-copyright.pdf>) and requirements of the copyright act (<https://laws-lois.justice.gc.ca/eng/acts/C-42/index.html>) to ensure they are aware of the consequences of unauthorised sharing of course materials (including instructor notes, electronic versions of textbooks etc.). Students who use material protected by copyright in violation of this policy may be disciplined under the Non-Academic Misconduct Policy.

FREEDOM OF INFORMATION AND PRIVACY (FOIP) ACT

Graded assignments will be retained by the Department for three months and subsequently sent for confidential shredding. Final examinations will be kept for one calendar year and subsequently sent for confidential shredding. Said material is exclusively available to the student and to the department staff requiring to examine it. Please see <https://www.ucalgary.ca/legalservices/foip> for complete information on the disclosure of personal records.

ACADEMIC ACCOMMODATIONS

It is the student's responsibility to request academic accommodations according to the University policies and procedures listed below. The student accommodation policy can be found at: <https://www.ucalgary.ca/access/accommodations/policy>.



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Students needing an Accommodation because of a Disability or medical condition should communicate this need to Student Accessibility Services in accordance with the Procedure for Accommodations for Students with Disabilities (<https://www.ucalgary.ca/policies/files/policies/procedure-for-accommodations-for-students-with-disabilities.pdf>).

Students needing an Accommodation in relation to their coursework or to fulfil requirements for a graduate degree, based on a Protected Ground other than Disability, should communicate this need, preferably in writing, to their Instructor or the Department Head/Dean or to the designated contact person in their Faculty.

FACULTY OF ARTS PROGRAM ADVISING AND STUDENT INFORMATION RESOURCES

Have a question, but not sure where to start?

The Arts Students' Centre is the overall headquarters for undergraduate programs in the Faculty of Arts. The key objective of this office is to connect students with whatever academic assistance they may require.

In addition to housing the Associate Dean (Undergraduate Programs and Student Affairs) and the Associate Dean (Teaching, Learning & Student Engagement), the Arts Students' Centre is the specific home to:

- Program advising
- Co-op Education Program
- Arts and Science Honours Academy
- Student Help Desk

Location: Social Sciences Room 102

Phone: 403-220-3580

Email: ascarts@ucalgary.ca

Website: arts.ucalgary.ca/undergraduate.

For registration (add/drop/swap), paying fees and assistance with your Student Centre, contact Enrolment Services at 403-210-ROCK [7625] or visit them at the MacKimmie Block.

Contacts for the Students' Union Representative for the Faculty of Arts: arts1@su.ucalgary.ca, arts2@su.ucalgary.ca, arts3@su.ucalgary.ca, arts4@su.ucalgary.ca.

INTERNET AND ELECTRONIC COMMUNICATION DEVICES

Devices such as laptops, palmtops and smartbooks are allowed provided that they are used exclusively for instructional purposes and do not cause disruption to the instructor and to fellow students. Cellular telephones, blackberries and other mobile communication tools are not permitted and must be switched off.

SUPPORT AND RESOURCES

A link to required information that is not course-specific related to student wellness and safety resources, can be found on the Office of the Registrar's website: <https://www.ucalgary.ca/registrar/registration/course-outlines>.