



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

LING 341
Phonetics I
Winter 2023
MWF 1:00-1:50, in Professional Faculties (PF) 110
and also asynchronously online (<http://www.uofclinguistics.org/341/>)

COURSE OUTLINE

INSTRUCTOR'S NAME: Stephen Winters

OFFICE HOURS: Tuesdays + Thursdays 1:30 – 2:30 in Education Classrooms (EDC) 259
and on Zoom (<https://ucalgary.zoom.us/j/94618867543>)

E-MAIL: swinters@ucalgary.ca

E-mail policy: I am not good at checking and responding to e-mails in a timely manner. You will get a faster response if you talk to me in class or in office hours.

TELEPHONE NUMBER: 403-220-3598 (during office hours)

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 will be able to transcribe and produce any speech sound used meaningfully in the world's languages. They will 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.

RECOMMENDED TEXTBOOKS

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

Henning Reetz and Allard Jongman (2020), *Phonetics: Transcription, Production, Acoustics and Perception*, 2nd ed. Chichester, UK: Wiley/Blackwell.

COURSE NOTES

Lectures and Class Meetings: The material for this course will be delivered in both an in-person and an asynchronous, online format. We will meet in person three times a week, during the regularly scheduled class times for the course. These in-person sessions will follow the traditional university class format, wherein I will deliver lecture material and also occasionally lead the class



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

through labs and sets of practice exercises that are based on material which has been presented during previous lectures.

For those students who would like to have a copy of the lecture notes in front of them during lecture, I will post (slightly filtered) notes to D2L and the course website at least 12 hours prior to presenting them in class. After class, I always post a complete copy of the lecture notes that were covered during that day's lecture to D2L and the course website.

For the online domain, I have also made video recordings of all the lectures for the course and posted them to YouTube. Links to these videos will be posted on the course web page listed above, along with links to the corresponding notes for each lecture. I have also recorded videos of myself working through the answers to each of the labs and practice homework exercises, which I will also post, once we have discussed those exercises in-person in class.

Since all of the relevant materials for the course will be available both in-person and online, attendance at in-person classes is not required, and you may simply choose to access the course materials in whichever modality you prefer. I.e., you can learn everything you need to know to complete the course by reading the textbooks and watching all of the videos I have posted online. Alternatively, you can access the same information by attending the class sessions in-person. You may also take advantage of both modalities by attending classes in person and then reviewing videos of the lectures or practice exercises online afterwards. The choice is up to you.

If you do attend classes in-person, then I will ask you to be **present** and **attentive** to what's going on in class that day. In other words, I will ask you to set aside your cell phones and any other distracting devices and focus on the material that we are discussing or that I am presenting. If it is too difficult for you to stay focused on that material in an in-person learning environment, then I recommend that you access that material at home, online, so that you won't be a distraction to your fellow classmates in-person.

Course Web Page: uofclinguistics.org/341/

Links to all of the lecture videos will be posted to the course web page listed above. All lecture notes, handouts and homework assignments will be posted to the course website listed above, as well as to the D2L site for the course. You may check your grades through a link on the course web page throughout the semester, as well. Please check these websites on a regular basis if you are interested in having access to these materials.

Please note that I generally **will not** post course materials (other than this syllabus) to the D2L site for the course.

Homework exercises 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 homework exercises will be made available on the course website. The due date and time for each homework will be provided when that homework is posted online during the semester; homeworks will generally be posted about a week before they are due. Students will submit their completed homework assignments in digital form, online, via D2L. If you are ill or cannot meet a homework deadline due to a personal emergency, please let me know as soon as possible.



Faculty of Arts

School of Languages, Linguistics, Literatures and Cultures

Transcription exercises. 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, approximately one transcription exercise per week will be devoted to a review and application of the material covered during the lecture sections that week. I will review the answers to these assignments in separate videos that I will post to YouTube throughout the semester. Any student who completes these exercises will receive full credit for them; i.e., points will *not* be taken off if honest (independent) effort yielded incorrect results. However, points will be taken off if a transcription exercise is incomplete or carelessly done.

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. You will be responsible for making recordings of yourself producing these sounds and sending the sound files to me (via D2L) for grading purposes.

Exams. The mid-term exam will exclusively focus on material covered in the first half of the term, and the final exam will primarily focus on material covered in the second half of the term. Both exams will be open book.

The mid-term exam will be made available online for one 24-hour window. You will be able to download the exam from a link that I will provide you via e-mail. Once you have downloaded the exam, you will have an hour and a half to complete it and submit it via the appropriate dropbox on D2L.

The final exam will include a timed component that is written to take 2 hours. However, this timed component will actually last 3 hours, in order to incorporate the 50% extra time required for online exams required by the University calendar. Similarly, the final exam will be made available online for a five-day window during the first week of the final exam period. You will be able to download the exam from a link that I will provide you via e-mail. Once you have downloaded the exam, you will have three hours to complete it and submit it via the appropriate dropbox on D2L.

Production Exam. The Production Exam will be similar to the Production Exercises that you will have completed throughout the semester. I will give you a script of "words" (written in the IPA) for you to record yourself saying, and you will submit your recordings to me via the appropriate dropbox on D2L. I will send you the script for the Production Exam shortly after the last class meeting day, and you will have two weeks to complete the exam.

If you are ill or cannot take an exam due to a personal emergency during the scheduled time for an exam, please let me know as soon as possible.

Technology Requirements.

1. In order to successfully engage in their learning experience for Linguistics 341, students taking this course will need to have reliable access to the following technology:

- A computer with a supported operating system
- A current and updated web browser;



Faculty of Arts

School of Languages, Linguistics, Literatures and Cultures

- Microphone and speaker (built-in or external), or headset with microphone;

2. For this class, you will be required to submit phonetic 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, I will provide you with detailed instructions on how to use LaTeX to produce phonetic transcriptions during the first week of class.

3. 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/>

ASSESSMENT

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

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

GRADING SCALE

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



Faculty of Arts

School of Languages, Linguistics, Literatures and Cultures

INTEGRITY AND CONDUCT

All members of the University community have a responsibility to familiarize themselves with the Statement on Principles of Conduct, and to comply with the University of Calgary Code of Conduct and Non-Academic Misconduct policy and procedures (available at: <http://www.ucalgary.ca/pubs/calendar/current/k.html>).

Academic misconduct

Academic Misconduct refers to student behaviour which compromises proper assessment of a student's academic activities and includes: cheating; fabrication; falsification; plagiarism; unauthorized assistance; failure to comply with an instructor's expectations regarding conduct required of students completing academic assessments in their courses; and failure to comply with exam regulations applied by the Registrar.

For information on the Student Academic Misconduct Policy and Procedure please visit:

<https://www.ucalgary.ca/legal-services/university-policies-procedures/student-academic-misconduct-policy>

Additional information is available on the Academic Integrity Website at <https://ucalgary.ca/student-services/student-success/learning/academic-integrity>

INTELLECTUAL PROPERTY AND COPYRIGHT LEGISLATION

Course materials created by instructors (including presentations and posted notes, labs, case studies, assignments and exams) remain the intellectual property of the instructor. These materials may not be reproduced, redistributed or copied without the explicit consent of the instructor. All students are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright (<https://www.ucalgary.ca/legal-services/university-policies-procedures/acceptable-use-material-protected-copyright-policy>) 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/legal-services/access-information-privacy> 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://ucalgary.ca/student-services/access/prospective-students/academic-accommodations> .

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/legal-services/university-policies-procedures/student-accommodation-policy>

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?



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

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: <https://arts.ucalgary.ca/current-students/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 Tower.

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 and tablets 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

Links to 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>.