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

Linguistics 341
Phonetics I
Winter 2022
Synchronously
Online

COURSE OUTLINE

INSTRUCTOR'S NAME: Dušan Nikolić

OFFICE HOURS: Tuesday, 11:00 am

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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. Lectures, labs, tutorials, readings, 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.

Practical training in phonetics is particularly valuable for professions in language education – whether foreign language education, English education, or ESL. Phonetic training also benefits students who are interested in human/computer interface technology and students who are in training for certification as speech pathologists or audiologists. Of course, students who major in linguistics should most certainly take this course.

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. They will learn how 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 COURSE MATERIALS

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-person every Monday, Wednesday, and Friday. Some materials and tutorials will be posted to the course webpage; links for these videos will be provided to students throughout the semester.

Course Web Page: https://dusannikolic.com/ling341/

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

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.

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.

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

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. My TA and I will review the answers to these assignments during our lectures every Friday. 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.

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 take-home exams. The students will have 1.5 hours to complete their mid-

term exam within the 24-hour window, while they will have 3 hours to complete their final exam within the 4-day period.

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.

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.

Software Requirements

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.

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

Students' 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 (TREX): 15%
Midterm exam: 25%
Final exam: 25%
Production exam: 5%

GRADING SCALE

97% < A+
92 < A < 97
88 < A- < 92
84 < B+ < 88

79 < B < 84
75 < B- < 79
71< C+ < 75
66< C < 71
62< C- < 66
58< D+ < 62
50< D < 58
F < 50

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 behavior 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://ucalgary.ca/policies/files/policies/student-academic-misconduct-policy.pdf, and https://ucalgary.ca/policies/files/policies/student-academic-misconduct-procedure.pdf

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 e 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/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://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/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
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.