

# Linguistics 2242B 001

## Phonetics

### 2023-2024

<b>Course:</b>	Information on scheduling and location on OWL site
<b>Professor:</b>	Jeff Tennant Office: UC 3126 519-661-2111 x87885 jtennant@uwo.ca
<b>Office Hours:</b>	Posted on course OWL site
<b>Teaching Assistants:</b>	Posted on course OWL site

#### **Course description from the Western Academic Calendar:**

An introduction to the study of speech sounds. Topics covered include: basic anatomy of speech production, articulatory phonetics, acoustic phonetics, speech perception, phonetic transcription of sounds of the world's languages.

#### **Readings and course material:**

The following textbook (please get this edition) is required. The paper edition is out of print but an electronic edition is available via Amazon (and perhaps other online sources locatable with a search engine):

Ladefoged, Peter & Keith Johnson. 2015. *A course in phonetics*. Seventh edition. Stamford CT: Cengage Learning.

Textbook website: <https://corpus.linguistics.berkeley.edu/acip/>

Other material will be made available on the OWL site

#### **GENERAL LEARNING OUTCOMES:**

- Describe and explain the anatomy and mechanisms of speech production.
- Transcribe speech sounds of English and other languages using the International Phonetic Alphabet.
- Describe in detail the articulation of consonants and vowels of English and other languages in isolated words and in connected speech.
- Describe the acoustic properties of consonants and vowels and detect representations of the properties of sounds in waveforms and spectrograms.
- Perform acoustic analysis on samples of speech from English and other languages.
- Analyze speech at the level of the segment and the syllable and also at the level of suprasegmental phenomena: stress, length, timing, intonation and tone.
- Identify and describe systematically rhythm and intonation patterns in English and other languages.
- Situate phonetic analysis in relation to linguistic analysis, demonstrating an understanding of different theoretical perspectives on speech and language from research in phonetics and phonology.

**Assignments and evaluation:**

- Tests (2): 30%
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- Final exam: 30%
- Participation: 10%

**Test dates and assignment due dates:**

- Tests (2 X 15%): February 6, March 12
- Assignments (2 X 15%): February 14, April 3
- Final examination: on the entire course during the final exam period; information about the structure of the exam will be provided on the OWL site by the last week of classes

**Prerequisites:**

One of: [Anthropology 1027A/B](#), [Linguistics 2288A/B](#), both [French 2805A/B](#) and 2806A/B, or [Spanish 3303A/B](#).

**Place of the course in modules and programs:**

Required for the Honors Specialization in Linguistics and the Major in Linguistics. Counts towards the Minor in Linguistics in the category “Formal approaches to language”.

**IMPORTANT INFORMATION:** Information on the web site of the Department of French Studies (the academic unit that administers this course) that you must read carefully and that is part of this course outline (Accommodation, Support Services, Scholastic Offences, Debarment from Final Exam for Excessive Absence):

[http://www.uwo.ca/french/undergraduate/counselling/academic\\_information/index.html](http://www.uwo.ca/french/undergraduate/counselling/academic_information/index.html)

**No Use of Electronic Devices during Tests:** During tests, students are required to turn off and store in a location off their desk all electronic devices, including laptops, cell phones, tablets, etc.

**Penalty for Work Submitted Late:** A penalty of 2% per working day will apply to work submitted late without acceptable justification.

**Participation Mark:** Participation mark is based on being present in class, focussing attention on course material while in class (see note below), and completing assigned exercises by the due date.

**Focusing Attention During Class on Course Material:** in order to learn effectively, you need to focus your attention during class on the material being studied. Handheld devices take your attention away from the class, as do many activities done on a laptop (Facebook, e-mail, etc.). You are expected to have handheld devices (cell phones) put away during class, with the ringer turned off. Laptops and tablets are allowed, but only for uses related to the activities of the course (e.g. taking notes, consulting materials on the course OWL site, etc.). You are expected to come to class with all materials you need for the class. If you work with the course materials in electronic format, you are expected to have them available for display on your laptop or tablet device. If you work with paper versions of course materials, you are expected to have the printed copies on the desk in front of you during class (except during tests).

## **BROAD OUTLINE OF THE COURSE SCHEDULE**

**NOTE:** *This is a broad outline of the units in the course and is subject to change. A detailed course schedule will be posted by the first day of classes on the course OWL site and will be updated regularly.*

### **WEEK 1: January 9, 10**

Introduction to the course; Articulation and acoustics

### **WEEK 2: January 16, 17**

Phonology and phonetic transcription

### **WEEK 3: January 23, 24**

Consonants of English

### **WEEK 4: January 30, 31**

Consonants of English

### **WEEK 5: February 6, 7**

English vowels; Test1

### **WEEK 6: February 13, 14**

English vowels; Assignment 1 due

### **READING WEEK: FEBRUARY 19 TO 23**

### **WEEK 7: February 27, 28**

English vowels; Accents of English; Speech annotation and pitch analysis with Praat

### **WEEK 8: March 5, 6**

Syllables and prosody; Duration analysis with Praat

### **WEEK 9: March 12, 13**

Syllables and prosody; Test2

### **WEEK 10: March 19, 20**

Syllables and prosody; Acoustic phonetics

### **WEEK 11: March 26, 27**

Acoustic phonetics; Consonants – beyond English

### **WEEK 12: April 2, 3**

Consonants – beyond English; Tone; Assignment 2 due