

Acquisition of Phonetics/Phonology (Spring 2017)

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Class Hours: Wednesday 9:00-11:50
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Course Description

In this course we will examine the acquisition of phonetics and phonology, both as first language (children) and as second language (children and adults). The goal of the course is to provide students with a solid understanding of the mechanisms of language acquisition by means of a combination of lecture, discussion, and background reading. This class will be aimed at students with little or no background in acquisition but with some knowledge of phonetics/phonology.

Course Textbook

There will be no textbook for this course, since there is no book that adequately covers the topics. We will read various articles on topics related to language acquisition, taken from both the reference books below and other relevant sources.

There will be a course website that contains the schedule of presentations and other relevant information.

References

- Doughty, Catherine & Michael H. Long (eds). 2003. *Handbook of Second Language Acquisition*. Blackwell Publishing Ltd.
- Fletcher, Paul & Brian MacWhinney (eds). 1996. *The Handbook of Child Language*. Blackwell Publishing Limited

Assessment

This class will be conducted in seminar fashion with one person leading discussion of a paper and the others contributing their views on it. Assessment will be based on attendance and participation, as well as leading the discussion of three papers and writing a summary of each paper (1000 words for each summary).

Class attendance and participation:	25%
Leading discussion of three papers:	10% each = 30%
Submission of three summaries:	.15% each = 45%

THE INTERNATIONAL PHONETIC ALPHABET (revised to 2005)

CONSONANTS (PULMONIC)

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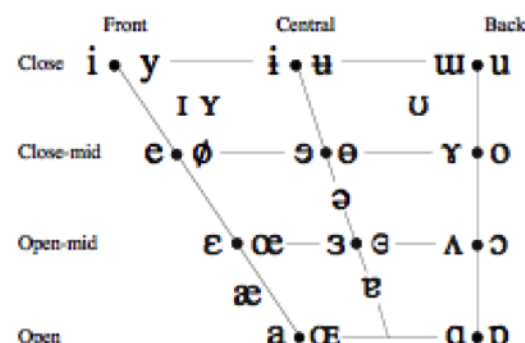
	Bilabial	Labiodental	Dental	Alveolar	Postalveolar	Retroflex	Palatal	Velar	Uvular	Pharyngeal	Glottal
Plosive	p b			t d		ʈ ɖ	c ɟ	k ɡ	q ɢ		ʔ
Nasal	m	ɱ		n		ɳ	ɲ	ŋ	ɴ		
Trill	ʙ			r					ʀ		
Tap or Flap		ⱱ		ɾ		ɽ					
Fricative	ɸ β	f v	θ ð	s z	ʃ ʒ	ʂ ʐ	ç ʝ	x ɣ	χ ʁ	ħ ʕ	h ɦ
Lateral fricative				ɬ ɮ							
Approximant		ʋ		ɹ		ɻ	j	ɰ			
Lateral approximant				l		ɭ	ʎ	ʟ			

Where symbols appear in pairs, the one to the right represents a voiced consonant. Shaded areas denote articulations judged impossible.

CONSONANTS (NON-PULMONIC)

Clicks	Voiced implosives	Ejectives
ɔ Bilabial	ɓ Bilabial	ʼ Examples:
ɖ Dental	ɗ Dental/alveolar	pʼ Bilabial
ɟ (Postalveolar)	ɟ Palatal	tʼ Dental/alveolar
ɠ Palatoalveolar	ɠ Velar	kʼ Velar
ʘ Alveolar lateral	ɣ Uvular	sʼ Alveolar fricative

VOWELS



Where symbols appear in pairs, the one to the right represents a rounded vowel.

OTHER SYMBOLS

ɱ Voiceless labial-velar fricative	ɕ ʑ Alveolo-palatal fricatives
ʋ Voiced labial-velar approximant	ɺ Voiced alveolar lateral flap
ɥ Voiced labial-palatal approximant	ɧ Simultaneous ʃ and x
ħ Voiceless epiglottal fricative	
ʕ Voiced epiglottal fricative	Affricates and double articulations can be represented by two symbols joined by a tie bar if necessary.
ʡ Epiglottal plosive	

k̟p̟ ts̟

SUPRASEGMENTALS

- ˈ** Primary stress
- ˌ** Secondary stress
- ː** Long **ˈfounəːtʃən**
- ˑ** Half-long **eˑ**
- ˚** Extra-short **e˚**
- ̥** Minor (foot) group
- ̦** Major (intonation) group
- Syllable break **ʃi.ækt**
- ̤** Linking (absence of a break)

DIACRITICS Diacritics may be placed above a symbol with a descender, e.g. **ɲ̥**

̥ Voiceless	̤ Beathy voiced	̦ Dental
̦ Voiced	̧ Creaky voiced	̨ Apical
̧ Aspirated	̩ Linguolabial	̪ Laminal
̨ More rounded	̫ Labialized	̬ Nasalized
̩ Less rounded	̭ Palatalized	̮ Nasal release
̪ Advanced	̯ Velarized	̰ Lateral release
̫ Retracted	̱ Pharyngealized	̲ No audible release
̬ Centralized	̳ Velarized or pharyngealized	
̭ Mid-centralized	̴ Raised	(ɹ̴ = voiced alveolar fricative)
̮ Syllabic	̵ Lowered	(β̵ = voiced bilabial approximant)
̯ Non-syllabic	̶ Advanced Tongue Root	
̰ Rhoticity	̷ Retracted Tongue Root	

TONES AND WORD ACCENTS LEVEL CONTOUR

- ē** or **˥** Extra high
- ē** or **˦** High
- ē** or **˧** Mid
- ē** or **˨** Low
- ē** or **˩** Extra low
- ˩** Downstep
- ˩** Upstep
- ˥** or **˨˥** Rising
- ˥˩** or **˨˥˩** Falling
- ˥˩˥** High rising
- ˥˩˨˥** Low rising
- ˥˩˥˩** Rising-falling
- ˩˥** Global rise
- ˩˥˩** Global fall