

## Charts for Articulatory Phonetics

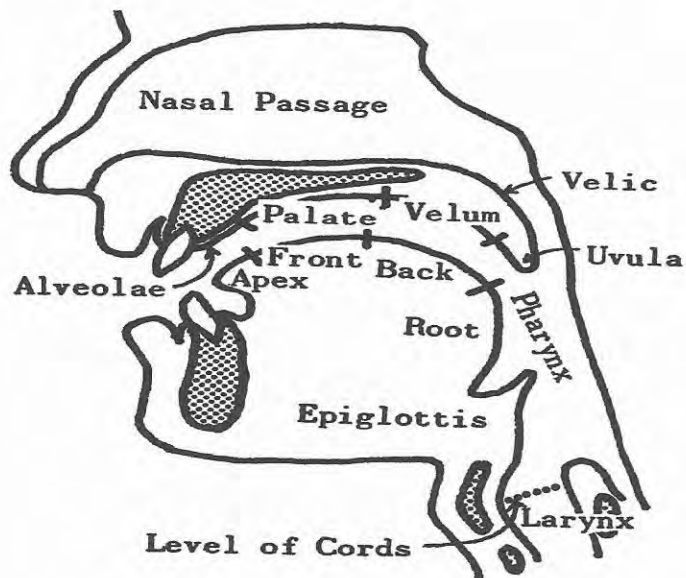
Chart 1 - Diagram of the Mouth

Chart 2 - Points of Articulation

Chart 3 - Partial Skeleton Consonant Chart

Chart 4 - Partial Chart for Vowels

### Chart 1 - Diagram of the Mouth



\* From H.A. Gleason, An Introduction to Descriptive Linguistics, Revised Edition. 1955. p.242.

### Chart 2 - Points of Articulation

	LOWER ARTICULATOR	UPPER ARTICULATOR
<b>Labial</b>		
Bilabial	(lower) lip	upper lip
Labiodental	(lower) lip	(upper) teeth
<b>Apical</b>		
Dental	apex of tongue	(upper) teeth
Alveolar	apex of tongue	alveolae
Retroflex	apex of tongue (see below)	palate
<b>Frontal</b>		
Alveopalatal	front of tongue	alveolae and far front of palate
Prepalatal	front of tongue	front of palate
<b>Dorsal</b>		
Palatal	back of tongue	back of palate
Velar	back of tongue	velum
Uvular	back of tongue	extreme back of velum or uvula

\* From H.A. Gleason, An Introduction to Descriptive Linguistics, Revised Edition. 1955. p. 244

**Chart 3 - Partial Skeleton Consonant Chart**

		Bilabial	Labiodental	Dental	Alveolar	Alveopalatal	Velar	Glottal
Stops	voiceless	p			t		k	
	voiced	b			d		g	
Affricates	voiceless					č		
	voiced					ǰ		
Fricatives	slit	voiceless	f	θ				h
		voiced	v	ð				
	groove	voiceless				s	š	
		voiced				z	ž	
Lateral	voiced				l			
Nasals	voiced	m			n		ŋ	
Semivowels	voiced	w			r	y		

\* From H.A. Gleason, An Introduction to Descriptive Linguistics, Revised Edition. 1955. p. 252.

Chart 4 - Partial Chart for Vowels

**Articulatory Phonetics**

	Front		Central		Back	
	Unrounded	Rounded	Unrounded	Rounded	Unrounded	Rounded
High	i	ü	ɨ	ʉ	ɯ	u
Lower high	ɪ		ɨ			ʊ
Higher mid	e	ö				o
Mean mid	ɛ		ə			ɔ
Lower mid	ɛ	ö	ɜ		ʌ	ɔ
Higher low	æ					
Low			a		ɑ	ɒ

\* From H.A. Gleason, An Introduction to Descriptive Linguistics, Revised Edition. 1955. p. 255