

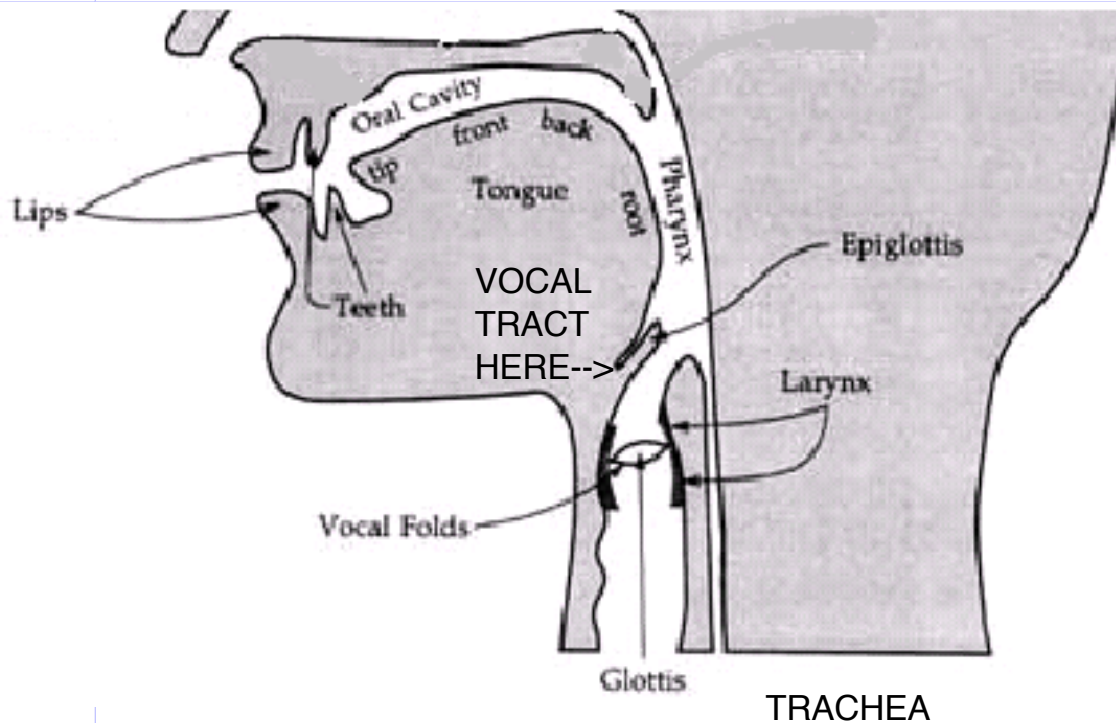
LING 200 text notes

Monday, September 9, 2013 1:21 PM

ARTICULATION AND ACOUSTICS

- phonetics is concerned with describing speech

SPEECH PRODUCTION



- speech sounds made by movements of tongue + lips (gestures forming sounds)
 - speech gestures audible via air out of lungs + noise in throat or mouth
 - basic noises changed via actions of tongue and lips (in english around 25 diff gestures)
 - tongue makes quickest/most precise phys movements
 - sound production needs energy via air from lungs:
 - air from lungs to windpipe (trachea)
 - to larynx
 - through vocal folds (muscular folds)
 - i. vocal folds apart = breathing or **VOICELESS [F]**
 - ii. vocal folds narrow passage = air from lungs creates vibrations = **VOICED SOUNDS [V]**
- diff bt voiced/voiceless is imp't in distinguishing sounds eg. thy/ thigh
- air passages abv larynx called vocal tract