Tutorial 5
Syllables, Stress, and Tone
October 10, 2024

Learning Outcomes
By the end of this tutorial, you should be able to:

- Draw syllable structures following relevant phonotactic principles
- Identify the syllable structure and mark syllable boundaries of various English words
- Mark primary stress and identify which syllable it falls on
- Differentiate between different types of tones based on sound recordings

Spoken language syllables
<u>Draw</u> the correct syllable structure for the words below. Make sure to use the appropriate labels and follow the appropriate steps (and phonotactic principles) in assigning sounds to their syllable positions. An example is provided for you.

Approve [əpruv]	*grateful* [gretf]]	*contrast* [kɑntræst]
distinct [dɪstɪŋkt]	**Challenge (do on your own):** *remarkable* [rɪmarkəb]]	

Syllable structure

Identify the syllable structure of the English words below. In cases where there is more than one syllable, use the [.] notation. Remember to rely on sounds (i.e., how they are transcribed) and not on spelling. Two examples are provided for you.

English word	Syllable structure
though [ðo]	CV
printer [prɪntr̩]	CCVC.CV
crack	
strengths	
optimal	
inks	
playground	
determination	

Stress

Consider the common English words below and their corresponding transcription. Correctly mark the primary stress by using the upper tick mark [ˈ], and then identify which syllable (i.e., initial, antepenultimate, penultimate, or ultimate) the primary stress falls on. Your answer may vary depending on how you count syllables (i.e., from left-to-right or right-to-left). An example is provided for you.

English word	Transcription (mark primary stress)	Primary stress falls on…
elevate	[ˈɛləvet]	initial
dedicate	[dɛdɪket]	
understand	[ʌndr̩stænd]	
intelligence	[ɪntɛlɪd͡ʒəns]	
hobby	[hɑbi]	

Tone

Challenge: listen to the sound recordings of the CV sequence [ka] in Thai. Determine the type of tone each word has from the following options: *high level tone, mid level tone, low level tone, falling contour tone, rising contour tone*

'galangal'	'stick'	'to trade'	'leg'	'value'