

## **ELG357 Phonetics**

**Level:** 3

**Credit Units:** 5 Credit Units

**Language:** ENGLISH

**Presentation Pattern:** EVERY JAN

### **Synopsis:**

ELG357 Phonetics looks at the study of sound in human languages. Students will be introduced to the critical aspects of phonetics, namely, speech production, speech analysis, and speech variation under different social conditions. Additionally, the course looks at the relation between phonetics and phonology, and the application of phonetics to language analysis. Key topics in the course include articulatory phonetics, acoustic phonetics, auditory/perceptual phonetics and sociophonetics. Through this course, students will better appreciate the study of phonetics in language studies, and will be equipped with a functional knowledge of phonetics for speech analysis and description.

### **Topics:**

- Introduction to Phonetics
- The Vocal Tract
- Basics of Articulation
- The Speech Production Mechanism
- Consonants, Vowels and the IPA
- Acoustic Phonetics: The Physical Properties of Sounds
- Acoustic Phonetics: Waveforms, Spectra and Spectrograms
- Auditory/Perceptual Phonetics
- Sociophonetics

### **Textbooks:**

: The Sounds of Language: An Introduction to Phonetics and Phonology. (eText)  
ISBN-13: 9781118340608

**Learning Outcome:**

- Explain the processes of speech articulation, speech acoustics and phonetic variation in speech production and perception
- Discuss the relation between phonetics and phonology
- Differentiate the branches of phonetics and how they complement one another
- Apply phonetic transcription to language data
- Analyse speech samples using acoustic techniques
- Examine social considerations driving phonetic variation

**Assessment Strategies (Evening Class):**

<b>Components</b>	<b>Description</b>	<b>Weightage Allocation (%)</b>
Overall Continuous Assessment	TUTOR-MARKED ASSIGNMENT 1	20
	TUTOR-MARKED ASSIGNMENT 2	30
Overall Examinable Components	Written Exam	50
<b>Total</b>		<b>100</b>