

# ECE 8736: Dig Proc of Speech Signals

Fundamentals of speech modeling and speech communication. Topics: digital models for speech production, digital waveform coding, linear prediction of speech, homomorphic speech processing, short-time spectrum analysis methods, and application case studies including speech synthesis, speech recognition, and speaker recognition.

**Credits:** 3.0

**Prerequisites:**

ECE 8231

ECE 8072 :C and ECE 8231 :C

**Program:** Electrical and Computer Engineering