

English Pronunciation Assessment

[Spring 2023, Graduate course]

Class schedule: Wednesdays	Instructor: Miran Kim
Homepage: MK316.github.io	E-mail: (mirankim316@gmail.com)

● Course Overview:

This course will cover the assessment of English pronunciation in second language learners. We will examine a range of techniques, including rating scales and diagnostic assessments, and consider how to set appropriate goals and standards based on factors such as the learner's age, proficiency level, and first language. In addition, we will explore the possibilities of using automated speech tools that can assist in teaching speaking skills both inside and outside the classroom. We will consider the potential benefits and limitations of automated speech generation and recognition tools in pronunciation teaching. Feedback strategies, including verbal, written, and audio feedback, will also be discussed. By the end of the course, students will have a comprehensive understanding of the theories and methods used to assess pronunciation and how to apply them in a language learning context.

● Readings: Reading articles will be posted on Github (or LMS)

Software: Praat for sound analysis, Colab/Github for Python coding, etc.

● Requirements:

****Note:** This class requires students bringing a personal notebook or tablet that has internet connectivity.*

● Evaluation:

Attendance (20%)	Midterm (30%)	Assignments (20%)	Final project (30%)
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● Weekly topics:

Week01, 02	Course overview, Understanding spoken language, Python coding
Week03, 04	Reading#1 Teaching pronunciation and assessment goals, diagnosis
Week05, 06	Reading#2 Accuracy, intelligibility, comprehensibility, diagnosis
Week07, 08	Reading#3: Pronunciation, listening, and speaking skills, diagnosis Midterm
Week09, 10	Learners recording, Automated speech generation and recognition. OpenAI
Week11, 12	Pronunciation evaluation, Exploring AI tools
Week13, 14	Pronunciation evaluation, Exploring Application of ASR(Automated Speech Recognition)
Week15	Final project (presentation)