科目コード／科目名 (Course Code / Course Title)	Understanding Speech Sounds 2		
テーマ／サブタイトル等 (Theme / Subtitle)	Understanding Speech Sounds 2		
担当者名 (Instructor)	シュロスブリー(SHROSBREE MIKI)		
学期 (Semester)	秋学期2(Fall Semester 2)	単位 (Credit)	1単位(1 Credit)
科目ナンバリング (Course Number)	CMP2431	言語 (Language)	英語 (English)
備考 (Notes)	・F 科目上級(外国語による総合系科目) ・定員 20 名 ・他に特別外国人学生が履修 ・この授業は英語で実施する ・履修者は TOEIC®700 点相当以上の英語力を有していることを前提に授業を実施する		

授業の目標(Course Objectives)

This course is designed to help students understand the nature of speech sounds. Students will understand characteristics of speech sounds using visual representation of speech sounds using an application called Praat, and students will also learn how to use it.

授業の内容(Course Contents)

This course introduces basic acoustic phonetics. Students will firstly learn sound wave and waveforms . Then they will learn characteristics of sounds, such as pitch, loudness, duration, and quality. Then students will learn the production of speech and acoustic properties of vowels and consonants. They will also learn how to use a phonetic application called praat.

授業計画(Course Schedule)

1. Introduction
2. Sound waves and waveforms
3. Characteristics of sounds: pitch, loudness, duration, and quality
4. Speech production: vowels and consonants
5. Acoustic properties of vowels
6. Acoustic properties of consonants
7. Final Test

授業時間外(予習・復習等)の学習(Study Required Outside of Class)

Students are expected to review each lesson and write a reflection paper. They also need to prepare for the final test and some quizzes during the course.

成績評価方法・基準(Evaluation)

最終テスト(Final Test)(40%)/クイズ(30%)/レポート(30%)

テキスト(Textbooks)

なし

参考文献(Readings)

1. Nigel Hewlett, Janet Mackenzie Beck. 2006. *An Introduction to the Science of Phonetics*. Routledge
2. Peter Ladefoged, Sandra Ferrari Disner. 2012. *Vowels and Consonants*. Wiley Blackwell
3. Reetz, Henning; Jongman, Allard.. 2020. *Phonetics: Transcription, Production, Acoustics, and Perception*. Wiley Blackwell
4. Peter Ladefoged. 1995. *Elements of Acoustic Phonetics*. The University of Chicago Press

その他(HP 等)(Others(e.g.HP))

注意事項(Notice)

この科目は秋学期後半(計 7 回の授業)で完結する「秋学期2」開講科目で 1 単位科目である。秋学期前半(秋学期1)に開講する「Understanding Speech Sounds 1」とセットで履修することを勧める。