

SPAU 3343.0U1 COURSE SYLLABUS

Phonetics, Summer 2016

Class Time: Mon & Wed, 9:30am – 12:15pm

Location: Callier Dallas, CD2 J.108

Contact Information

Instructor: Sonya Mehta

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Office Hours: Please e-mail me to set up an appointment
(include your available dates and times)

TA: Kelly Fazel

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Office Hours: TBD

Course Description

An introduction to the production and perception of speech sounds. This course covers modern theory and practice in articulatory, acoustic, and linguistic phonetics. Students will acquire basic transcription skills with the International Phonetic Alphabet (IPA) for General American English (GAE), foreign-accented English, and speech from individuals with speech, language, or hearing disorders.

Student Learning Outcomes

This course has been designed to ensure that students demonstrate required knowledge and skills as outlined in the 2014 Standards and Implementation Procedures for the Certificate of Clinical Competence in Speech-Language Pathology. The specific standards addressed in this class are: IV-B, IV-C, IV-E, V-A, and V-B.

After course completion, students should be able to:

- 1) Identify and explain the basic anatomy and physiology of the speech production mechanism. (IV-B)
- 2) Describe the principles of articulatory phonetics, including feature theory and speech movements of the tongue, lips, jaw, and velum. (IV-B)
- 3) Demonstrate basic knowledge of voicing, resonance, and the voice mechanism. (IV-B)
- 4) Demonstrate IPA transcription skills, including composing an effective transcript, constructing clear examples of spontaneous and citation form speech transcripts, and interpreting read transcriptions. (IV-B, IV-C, V-A, V-B)
- 5) Analyze and classify the consonants and vowels of American English by the features of place, manner, and voicing. (IV-B)
- 6) Discuss the phonological rules and allophones of American English and contrast these with systems for other accents and languages. (IV-B, IV-C, V-A, V-B)
- 7) Identify and apply properties of acoustic phonetics to speech therapy practice. (IV-C, IV-E, V-A, V-B)
- 8) Understand the basic principles of linguistic phonetics, including their application to clinical issues such as phonemic misperception and L2 acquisition. (IV-B, IV-C, V-B)

GENERAL COURSE INFORMATION

Course Restrictions

No pre-requisites or co-requisites are necessary for this course.

Required Texts and Materials

Textbook: Katz, William F. (2013). *Phonetics for Dummies*. John Wiley & Sons.

ISBN# 978-1118505083

Alternate Access:

The text is also available as an eBook. For more details, see

<http://www.wiley.com/WileyCDA/WileyTitle/productCd-1118505085.html>

Materials: All additional course materials will be made available in class or on eLearning.

NOTE: Some of the course materials will require **Microsoft Office** in order to function properly. As a UT Dallas student, several Microsoft apps are available to you, free of charge. See <https://www.utdallas.edu/oit/office365/> for more details. You can also purchase a discounted copy of Microsoft Office from the UTD Technology Store.

Recommended Resources (*optional*)

- Ladefoged, P. & Johnson, K. (2015). *A Course in Phonetics*. 6th Edition.
- Katz, William F. (2012). *Transcribing American English* [DVD].

Available at http://www.utdallas.edu/~wkatz/Instructional_Materials.html

Additional Course Information

The general format of this course will be a combination of lecture and lab. Attendance and participation in all class sessions is required. In order to succeed at this course, you will need to practice recognizing and transcribing phonetic symbols outside of class. Study partners/groups are strongly recommended.

Lecture: The lecture portion of the course will introduce and clarify conceptual information. Each lesson is designed with the expectation that you have read the assigned chapters before coming to class. Lecture slides will be posted on eLearning before each class.

Labs: The lab portion of the course is run by the teaching assistant. Phonetics lab is an interactive lesson that provides students with the opportunity to practice their transcription skills. Lab slides will **not** be posted online or distributed to students.

eLearning: Announcements and course materials will be posted regularly on the eLearning website. Check eLearning frequently to stay up-to-date with any changes that may take place during the semester. Not familiar with eLearning? Check out these tutorial videos:

<https://www.youtube.com/watch?v=kDfHeFmzxVQ>

<https://www.youtube.com/watch?v=hjP49cEeoXU>

COURSE GRADING AND GUIDELINES

Instructional material (e.g., slides, handouts, sound files) is for the personal use of students currently enrolled in the course. Course materials **may not be distributed, reproduced, or posted on the internet** without written consent from the instructor. Violations are subject to civil penalties or criminal prosecution under the federal Copyright Act of 1976. Students who violate this rule regarding copyright infringement are subject to disciplinary action.

Classroom Policy

Students are expected to act in a professional manner by attending class, cooperating with classmates, meeting deadlines, contacting the instructor in a timely fashion, and maintaining academic integrity.

Attendance: Attendance will not be taken on a regular basis. However, students are expected to attend all class meetings. If you miss a class, you are responsible for getting announcements, handouts, and notes from your classmates.

Participation: In general, we will strive for class sessions that are interesting, interactive, and informative. Lectures will often involve active participation and discussion. Feel free to ask questions clarifying the material and to contribute your knowledge and insight.

Electronics: Computer use during class time is restricted to course-related note-taking. Other uses will not be allowed. You may be asked to take physical notes if repeated off-topic use occurs. **However, no electronic devices are allowed during lab.** This includes cell phones, tablets, laptops, etc. Please take any important or emergency calls received during class in the hallway.

Grading Policy

Knowledge will be assessed throughout the semester via homework assignments, in-class quizzes, and weekly lab exercises. There will be an in-class midterm exam, a (cumulative) final, and a final project.

Homework: Homework assignments assess your understanding of the material we have covered during lecture. Instructions for each assignment will be posted on eLearning. All assignments must be completed independently (unless otherwise specified). Late assignments will not be accepted.

Quizzes: Lab quizzes will assess your transcription abilities as the course progresses. Quizzes may take place at the beginning, middle, or end of lab lessons. For each quiz, you will be asked to independently transcribe the speech samples that you hear.

Exams: Exams will assess your knowledge and understanding of the conceptual information presented in the text and during lectures. The final exam is cumulative, and will cover material from the entire course. For each exam, you will have a study guide to help you prepare.

Final Project: The final project allows you apply the skills acquired in this course to a short sample of foreign-accented speech. The project has two parts: (1) an analytical paper and (2) an IPA transcription of the corpus. Additional information will be provided on eLearning.

Grading Breakdown

25% Homework and Quizzes
25% Midterm Exam
25% Final Exam (cumulative)
25% Final Project

Late Work and Makeup Policy

Homework assignments will not be accepted late under any circumstance. If you have to miss a quiz or exam, notify the instructor as soon as possible. Missed quizzes and exams will only be given in cases of legitimate, documented reasons (e.g., illness with a doctor's note) and must be made-up within a week of the original date. For the final project, five points will be deducted from late submissions for each day that has passed since the deadline. **Late extra credit submissions will not be accepted.**

Extra Credit Opportunities

Extra credit may be earned by completing the exercises from online learning modules on eLearning. Learning module (LM) exercises are graded based on effort, not accuracy. Completion of the first five LM exercises will add five points to your midterm exam grade; completion of the second set of five will add five points to your final exam grade. **You must complete all five LM exercises in the set to receive extra credit.** Incomplete learning modules will not receive credit.

COURSE SCHEDULE

Date	Lecture	Lab
5/23	Review syllabus, text, & coursework expectations Intro to phonetics and the IPA	No lab
5/25	Articulatory Phonetics: Source-filter theory / Feature theory / Voicing Place and manner of consonants / Vowel features	No lab
5/30	MEMORIAL DAY -- NO CLASS	
6/1	Articulatory Phonetics cont'd: More consonant and vowel features	Intonation practice VPM practice
6/6	Phonemes and allophones	Quiz 1 (10 intonation problems) Broad transcription
6/8	Airstream mechanisms / Tone	Quiz 2 (5 real word transcriptions) Broad transcription
6/13	Place and manner of languages other than English	Quiz 3 (5 non-word transcriptions) Broad transcription
6/15	13 Phonological rules of GAE	No lab
6/20	Midterm Q & A [break] MIDTERM EXAM	
6/22	Continue with narrow transcription Dialectology and Accents: Introduction	Video: "American Tongues"
6/27	Suprasegmentals: Juncture / Intonation / Stress / Pitch contours	Narrow transcription Real words and non-words
6/29	Acoustic Phonetics: Nature of sound / Wave theory / Harmonics / Formants	Narrow transcription
7/4	JULY FOURTH -- NO CLASS	

7/6	Acoustic Phonetics cont'd: Spectrograms Interpreting vowels, diphthongs, & consonants Linguistic/Perceptual Phonetics: Categorical perception / Coarticulation / Ease of articulation v. perceptual distinctiveness	Quiz 4 (10 words for narrow transcription) Narrow transcription Sentence level transcription
7/11	Dialectology and Accents cont'd: Varieties of American and British / Other varieties / Mapping regional accents	Quiz 5 (2 sentence level transcriptions) Narrow transcription Sentence level transcription
7/13	Clinical Phonetics: Children / Adults / Issues in SLP Practice	No lab
7/18	FINAL EXAM (FINAL PAPER DUE)	

COURSE DEADLINES

Date	Reading	Homework & LM Exercises	Other
5/23	Chapters 1 & 2		
5/25	Chapters 1 – 4		
6/1	Chapters 1 – 4	Homework 1 LM 1, Intonation & VPM	
6/6	Chapters 5 – 7	Homework 2 LM 2, Broad Transcription	Quiz 1 Final Paper assigned
6/8	Chapter 15	Homework 3 & 4 LM 3, Real Word Transcription	Quiz 2
6/13	Chapter 16	LM 4, Non-word Transcription	Quiz 3
6/15	Chapter 8 & 9	LM 5, Transcription Practice 1	Phono Rules Worksheet
6/20			MIDTERM EXAM
6/22	Chapter 18	LM 6, Narrow Transcription	Final Paper Rough Draft Due
6/27	Chapter 10 & 11	LM 7, Narrow Transcription	
6/29	Chapter 12 & 13	Homework 5 LM 8, Lexical stress/Intonation	
7/6	Chapter 12, 13, & 14	LM 9, Transcription Practice 2	Quiz 4 Mystery Spectrogram assigned
7/11	Chapter 18	LM 10, Sentence Transcription	Quiz 5 Mystery Spectrogram Due
7/13	Chapter 17 & 19		
7/18			FINAL EXAM FINAL PAPER DUE

ASHA STANDARDS ADDRESSED IN THIS CLASS

How knowledge is conveyed and how knowledge and skill acquisition will be demonstrated

Standard IV-B

The applicant must have demonstrated knowledge of basic human communication and swallowing processes, including the appropriate biological, neurological, acoustic, psychological, developmental, and linguistic and cultural bases. Specific knowledge will be demonstrated in this class in the area of phonetics.

Knowledge will be conveyed via class lectures and readings.

Acquisition will be demonstrated via class discussions, quizzes, exams, and final project.

Standard IV-C

The applicant must have demonstrated knowledge of communication and swallowing disorders and differences, including the appropriate etiologies, characteristics, anatomical/physiological, acoustic, psychological, developmental, and linguistic and cultural correlates. Specific knowledge will be demonstrated in this class in the area of phonetics.

Knowledge will be conveyed via class lectures, readings, and video presentation.

Acquisition will be demonstrated via class discussions, quiz over video, exams, and final project.

Standard IV-E

The applicant must have demonstrated knowledge of standards of ethical conduct. Specific knowledge will be demonstrated in this class for the following Principles of Ethics: I-C, II-G, IV-K, and IV-L.

Knowledge will be conveyed via class lectures and handouts.

Acquisition will be demonstrated via class discussions and final project.

Standard V-A

The applicant must have demonstrated skills in oral and written or other forms of communication sufficient for entry into professional practice.

Skills will be demonstrated via written final project.

Standard V-B

The applicant for certification must have completed a program of study that included experiences sufficient in breadth and depth to achieve evaluation, intervention, and interaction and personal quality skills. Specific focus will be on skills applicable to the area of phonetics.

Experiences are provided via class lectures and readings.

Skills will be demonstrated via class discussion and final project.

Students will demonstrate the following skills:

1. Discuss and explain theories concerning the anatomy and physiology of the speech production mechanism.

As measured by:

Successful completion of exams and homework assignments

Class discussion

2. Describe and apply the principles of articulatory phonetics, including use of feature theory to describe the sounds of General American English (GAE) and other languages.

As measured by:

Successful completion of exams and homework assignments

Class discussion

Final project

3. Demonstrate understanding of voicing and voice mechanisms, including the concept of partial devoicing

as it relates to phonological rules.

As measured by:

Successful completion of exams and homework assignments

Class discussion

Final project

4. Demonstrate the ability of use IPA transcription, including composing an effective transcript, constructing clear examples of spontaneous and citation form speech transcripts, and interpreting read transcriptions.

As measured by:

Successful completion of exams and homework assignments

Class discussion

Final project

5. Analyze and classify the consonants and vowels of American English by the features of place, manner, and voicing.

As measured by:

Successful completion of exams and homework assignments

Class discussion

Final project

6. Discuss the phonological rules and allophones of American English and contrast these with systems for other accents and languages. This will incorporate systems of stress and intonation

As measured by:

Successful completion of exams and homework assignments

Class discussion

7. Apply properties of acoustic phonetics to speech pathology practice, including transcription of foreign-accented English.

As measured by:

Successful completion of exams and homework assignments

Class discussion

Final project

8. Interpret the basic principles of linguistic phonetics and apply them to the clinical issue of phonemic misperception and L2 acquisition.

As measured by:

Successful completion of exams and homework assignments

Class discussion

Comet Creed

This creed was voted on by the UT Dallas student body in 2014. It is a standard that Comets choose to live by and encourage others to do the same:

"As a Comet, I pledge honesty, integrity, and service in all that I do."

UT Dallas Syllabus Policies and Procedures

The information contained in the following link constitutes the University's policies and procedures segment of the course syllabus.

Please go to <http://go.utdallas.edu/syllabus-policies> for these policies.

The descriptions and timelines contained in this syllabus are subject to change at the discretion of the Professor.