

Clinical Phonetics

Communication Disorders 331

Fall 2010

Instructor: Shawn Nissen
Class Hours: 1:00 – 1:50 MWF
Location: 3714 HBLL
Teaching Assistants: Darrell Matthews
Emily Redd

Office Hours: 10:00 - 12:00 MW; 138 TLRB
Instructor E-mail: shawn_nissen@byu.edu
E-mail: comd331@gmail.com

Course Description and Objectives:

This course is designed to present specialized knowledge relevant to the understanding of speech communication. Through text, lecture, and a variety of multi-media sources, students will be introduced to the theoretic basis of how speech sounds are produced and perceived in human languages. In addition, this course will assist students in developing the clinical ability to discriminate the sounds used in standard American English and how these sounds are represented symbolically according to the International Phonetic Alphabet. This course will also present information to assist students in discriminating and transcribing speech relevant to communication disorders. To reinforce material presented in lecture, this course will incorporate a series of tutored labs. Lab sessions will provide students the opportunity to review course material in a small group environment and have individual practice and tutoring in phonetic transcription.

By satisfactorily completing the formative and summative evaluations of this course, the student will make progress toward ASHA's standards for the Certificate of Clinical Competence in Speech-Language Pathology. These standards are also closely aligned with the Department of Communication's learning outcomes (LO) and the specific course learning outcomes listed below.

CAA Standards addressed in this course are as follows:

Standard III-B: The applicant must demonstrate knowledge of the nature of basic human communication and swallowing process, including their biological, neurological, acoustic, psychological, developmental, linguistic and cultural bases.

Standard III-D: The applicant must possess knowledge of the principles and methods of prevention, assessment, and intervention for people with communication and swallowing disorders, including consideration of anatomical/physiological, psychological, developmental, and linguistic and cultural correlates of the disorders.

Standard III- G: The applicant must demonstrate knowledge of contemporary professional issues.

ComD learning outcomes addressed in this course are as follows:

ComD LO-3: Speech: define and describe the anatomy and physiology of speech production and explain the scientific basis of measuring speech performance. Describe atypical speech sound production and identify appropriate intervention approaches.

ComD LO-4: Scope of Practice: identify the populations served within educational, medical, and community settings by speech-language pathologists and audiologists. Demonstrate an understanding of the principles of ethical practice and the importance of graduate level training in working with individuals with communication disorders.

Learning Outcome #1 Students will demonstrate competent knowledge of the basic elements of phonetics.

Learning Objectives	Method of Evaluation	Feedback Mechanisms	CAA Standard	ComD LO
Students will gain a knowledge of the: <ul style="list-style-type: none"> ◆ principles of phonetics and phonology ◆ airstream mechanisms of speech ◆ articulatory anatomy of the vocal tract ◆ speech sound classification 	<ul style="list-style-type: none"> ◆ Midterm ◆ Final 	<ul style="list-style-type: none"> ◆ Objective scores 	III-B	3

Learning Outcome #2 Students will demonstrate competent knowledge and performance of skills related to the production and transcription of vowel sounds in American English.

Learning Objectives	Method of Evaluation	Feedback Mechanism	CAA Standard	ComD LO
Students will gain a knowledge of the: <ul style="list-style-type: none"> ◆ role of tongue height, tongue advancement, and lip rounding ◆ tense/lax distinctions ◆ articulation of monophthongs ◆ articulation of diphthongs ◆ IPA transcription of vowel sounds 	<ul style="list-style-type: none"> ◆ Quizzes ◆ Transcription Final ◆ Midterm ◆ Final 	<ul style="list-style-type: none"> ◆ Objective scores 	III-B III-D III-G	3

Learning Outcome #3 Students will demonstrate competent knowledge and performance of skills related to the production and transcription of consonant sounds in American English.

Learning Objectives	Method of Evaluation	Feedback Mechanism	CAA Standard	ComD LO
Students will gain a knowledge of the: <ul style="list-style-type: none"> ◆ articulation of glides and liquids ◆ articulation of stops ◆ articulation of fricatives ◆ articulation of affricates ◆ IPA transcription of consonant sounds 	<ul style="list-style-type: none"> ◆ Quizzes ◆ Transcription Final ◆ Midterm ◆ Final 	<ul style="list-style-type: none"> ◆ Objective scores 	III-B III-D III-G	3

Learning Outcome #4 Students will demonstrate competent knowledge and performance of skills related to the production and transcription of the suprasegmental aspects of speech.

Learning Objectives	Method of Evaluation	Feedback Mechanism	CAA Standard	ComD LO
Students will gain a knowledge of: <ul style="list-style-type: none"> ◆ syllabification ◆ linguistic stress ◆ lexical tone and intonation 	<ul style="list-style-type: none"> ◆ Quizzes ◆ Transcription Final ◆ Midterm ◆ Final 	<ul style="list-style-type: none"> ◆ Objective scores 	III-B III-D III-G	3

Learning Outcome #5 Students will demonstrate competent knowledge and performance of skills related to the transcription of disordered speech and dialect variation.

Learning Objectives	Method of Evaluation	Feedback Mechanisms	CAA Standard	ComD LO
Students will gain a knowledge of:	♦ Quizzes	♦ Objective scores	III-B	3
♦ diacritics and the transcription of sounds in context	♦ Transcription Final		III-D	4
♦ dialect variation in American English	♦ Midterm		III-G	
♦ allophonic variation in American English	♦ Final			
♦ clinical scoring and assessment				

Learning Outcome #6 Students will demonstrate competent knowledge of the appropriate accommodations for culturally and linguistically diverse (CLD) populations of varying ages and differing levels of disability.

Learning Objectives	Method of Evaluation	Feedback Mechanism	CAA Standard	ComD LO
Students will gain a knowledge of:	♦ Midterm	♦ Objective scores	III-B	3
♦ procedures for least biased/alternative assessment for CLD populations	♦ Final		III-D	4
♦ sociocultural factors that may affect clinical transcription			III-G	
♦ professional policies relevant to the delivery of services to CLD populations				

Course Requirements:

It is recommended that students read all assigned chapters prior to lecture. During lecture, class participation and questions regarding difficult material are also strongly recommended. Although class lectures will have a strong basis in the assigned text, lectures will also contain additional material intended to enhance students knowledge of the relative topic.

An evaluation (grades) of how well a student comprehends reading and lecture material, as well as competence in IPA transcription, will be based upon lab attendance, quiz scores (the lowest quiz grade will be dropped), a midterm exam, a transcription test, and a final examination on lecture material. The quizzes will be given in lecture on the date assigned below. The midterm and final exams will be given in the testing center during finals week. The final will be comprehensive in nature, measuring a student's knowledge of concepts presented throughout the semester. **There will be no makeup or late quizzes or exams given without a valid medical excuse.** Unexcused missed quizzes/exams will not contribute points toward the final grade.

Grading:

As a general rule, exam grades will not be graded on a curve. The only exception to this policy may occur if the mean class grade falls below 75%. In this circumstance I may "adjust" the grades upward. Any grade adjustment will always maintain the relative order of grades among students and will never lower an individual's exam score. Descriptive statistics on class performance and a question review will be provided during the week of class following that particular exam period. The final grade will be assigned on a straight scale and will be computed according to the following breakdown:

Lab Attendance:	20 points (2 pts. per session to a max of 20; Blackboard self-report)
Quizzes:	40 points (5 quizzes, 10 points possible each – lowest score dropped)
Transcription Exam:	40 points
Exam 1:	100 points
Final:	<u>100 points</u>
Total	300 points possible

After dividing the total number of points by 3, a final grade will be assigned according to the following scale: 94-100 A, 90-93 A-, 87-89 B+, 83-86 B, 80-82 B-, 77-79 C+, 73-76 C, 70-72 C-, 66-69 D+, 60-65 D, and 0-59 E. Final grade points containing decimals will be rounded to the closest integer.

Required Text:

Bauman-Waengler, J. (2009). *Introduction to Phonetics and Phonology: From concepts to transcription*. Boston: Pearson Education, Inc.

Blackboard Course Management

Course lectures will be outlined on the Blackboard class management system. These notes do not serve as a substitute for attending lecture or taking personal class notes. They are meant to serve as an **outline only** and do not contain the detailed information necessary to meet the above mentioned objectives.

Preventing Sexual Harassment

Title IX of the Education Amendments of 1972 prohibits sex discrimination against any participant in an educational program or activity that receives federal funds. The act is intended to eliminate sex discrimination in education and pertains to admissions, academic and athletic programs, and university-sponsored activities. Title IX also prohibits sexual harassment of students by university employees, other students, and visitors to campus. If you encounter sexual harassment or gender-based discrimination, please talk to your professor; contact the Equal Employment Office at 801-422-5895 or 1-888-238-1062 (24-hours), or <http://www.ethicspoint.com>; or contact the Honor Code Office at 801-422-2847.

Students With Disabilities

Brigham Young University is committed to providing a working and learning atmosphere that reasonably accommodates qualified persons with disabilities. If you have any disability, which may impair your ability to complete this course successfully, please contact the Services for Students with Disabilities Office (422-2767). Reasonable academic accommodations are reviewed for all students who have qualified documented disabilities. Services are coordinated with the student and instructor by the SSD Office. If you need assistance or if you feel you have been unlawfully discriminated against on the basis of disability, you may seek resolution through established grievance policy and procedures. You should contact the Equal Employment Office at 422-5895. D-282 ASB.

Academic Misconduct

Academic misconduct is a serious matter and should be avoided. Details about what constitutes a violation of the Honor Code, Academic Honesty Policy, Academic Misconduct, and Plagiarism can be found in the Course Catalog. Any instance of academic misconduct will result in a failing grade in this course.

Disclaimer

Sometimes I receive questions in class regarding personal medical situations or conditions. I am not a physician (nor do I play one on TV), thus I must decline to answer or comment about these types of enquiries. Any specific questions of a personal nature should be directed toward your physician. All information presented in class is presented for general informational purposes only, and does not represent medical advice in any way.

Estimated Course Outline

Week	Topic	Readings
1	Course Intro/Principles of Phonetics	Chapter 1
2	Principles of Phonetics	Chapter 2-3
3	Elements of Speech Production	Chapter 2-3
4	Vowel Production	Chapter 4
5	Vowel Production	Chapter 4
6	Vowel Production	Chapter 4
7	Consonant Production	Chapter 5
8	Consonant Production	Chapter 5

10/22 – 10/24

Midterm Exam – Testing center

9	Consonant Production	Chapter 5
10	Diacritics	Chapter 7
11	Diacritics	Chapter 7
12	Suprasegmental Elementsof Speech	Chapter 7
13	Suprasegmental Elementsof Speech	Chapter 7
14	Disordered Speech and Dialect Variation	Chapter 6
15	Disordered Speech and Dialect Variation	Chapter 6

12/8

Transcription Exam

12/13 – 12/17

FINAL EXAM – Testing Center

Quiz Dates

Quiz 1	9/22	Quiz 2	10/6
Quiz 3	10/20	Quiz 4	11/3
Quiz 5	12/1		