

Phonetic Description of Speech
COMD 3311, Fall 2018 – Tues./Thurs. 8-9:20 a.m.

I. Faculty Information

- A.
1. Man-Yin Leung MS,CCC-SLP
 2. Office Hours: by appointment
 3. E-mail: mleung@uttyler.edu

II. Course Description:

- A. This course will introduce the student to the processes of speech production, physiological analysis and provide a description of speech sounds, voice quality, and voice dynamics; notation. Phonetic theory and the applications of phonetics will be covered.

III. Required Text:

- A. Ladefoged, P. & Johnson, K. (2014) *A Course in Phonetics, 7th Ed.*, Cengage Learning.
1. Rental: Starts at \$15.49
 2. Ebook: Starts at \$20.49 (ISBN-10: 130522910X/ ISBN-13: 9781305229105)
 3. Bound Book: Bookstore Wholesale \$75.00/Retail \$99.95
 4. Cengage Unlimited: \$119.99 per term <https://www.cengage.com/unlimited/>
- B. Other Materials:
1. PRAAT: Free downloadable software from <http://www.fon.hum.uva.nl/praat/>
 2. Microphone: Each student will need access to a microphone that is compatible with whatever computer you use during the semester.
 3. Useful external links
 - a. PRAAT on-line manual: <http://www.fon.hum.uva.nl/praat/manual/Intro.html>

IV. Student Learning Objectives:

- A. By the end of this course students will:
1. Be able to demonstrate knowledge and understanding of course materials and lectures via classroom participation, assignments, and examinations
 2. Be able to understand the articulatory bases of speech production as a means of describing speech sounds
 3. Acquire competence in describing and phonetically transcribing normal speech using the International Phonetic Alphabet
 4. Become familiar with the basic principles of speech acoustics
 5. Be able to demonstrate the ability to analyze speech using spectrographic instruments
 6. Become familiar with the basic concepts of English phonology
 7. Become familiar with the speech characteristics of special populations and formalisms of English phonology

V. Course Grade:

A. A = 90-100; B = 80-89; C = 70-79; D = 60-69; F = <60

B. Assignment Categories

1. In-Class Exams 60%
 - a. Three in-class exams and a final exam will be administered during the semester. The final exam will be comprehensive. Dates are shown on the schedule. Exams may include objective-style, essay, and short answer. No make-up exams will be given. Grades will be computed on the basis of three exams. You may elect to miss an exam or not to take the final if you wish, as four exams will be given overall.
2. Homework, in-class assignments and quizzes 20%
 - a. A series of daily exercises will be assigned during the semester. In class exercises may include, but will not be limited to transcription, homework, pop quizzes, and group exercises. Homework assignments are due at the beginning of the next class period after they are assigned. Assignment not turned in on time will be counted as a zero grade. Because in-class exercises cannot be made up, grades will be lowered by failure to attend class. Your lowest two daily grades will be dropped at the end of the semester.
3. Assignment 20%
 - a. There will be a comprehensive practice covering most of the materials in the semester. This exercise will provide an opportunity to test the theoretical principles studies in class and to reinforce abstract concepts. Specific details will be provided later.

VI. Other Information:

- A. **Course Withdrawal:** The last date to withdraw from one or more classes is **Nov. 5, 2018**.
- B. **Final Examination Date:** Tuesday, December 11, 2018, 8:00-10:00 a.m. – **subject to the published finals exam dates.**

VII. University Policies

A. UT Tyler Honor Code:

1. Every member of the UT Tyler community joins together to embrace: Honor and integrity that will not allow me to lie, cheat, or steal, nor to accept the actions of those who do. Students Rights and Responsibilities To know and understand the policies that affect your rights and responsibilities as a student at UT Tyler, please follow this link:
<http://www.uttyler.edu/wellness/rightsresponsibilities.php>

B. Campus Carry:

1. We respect the right and privacy of students 21 and over who are duly licensed to carry concealed weapons in this class. License holders are expected to behave responsibly and keep a handgun secure and concealed. More information is available at
<http://www.uttyler.edu/about/campus-carry/index.php>

C. UT Tyler a Tobacco-Free University:

1. All forms of tobacco will not be permitted on the UT Tyler main campus, branch campuses, and any property owned by UT Tyler. This applies to all members of the University community, including students, faculty, staff, University affiliates, contractors, and visitors. Forms of tobacco not permitted include cigarettes, cigars, pipes, water pipes (hookah), bidis, kreteks, electronic cigarettes, smokeless tobacco, snuff, chewing tobacco, and all other tobacco products. There are several cessation programs available to students looking to quit

smoking, including counseling, quitlines, and group support. For more information on cessation programs please visit www.utt Tyler.edu/tobacco-free.

D. Academic Honesty Policy: Students will adhere to the highest standards of academic honesty. Anyone caught cheating will earn a “0” for that assignment and will be subject to academic and disciplinary action. Plagiarism (the use of written and oral words or ideas of another person, including another student, without the expressed acknowledgment of the speaker’s or writer’s indebtedness to that person) will not be tolerated. This includes the use of papers or other materials previously submitted to instructors in other classes, as well as video and audio recordings. Students caught plagiarizing will fail this class and be subject to academic and disciplinary action. **(See next section for University Policy)**

E. Student Standards of Academic Conduct

1. Disciplinary proceedings may be initiated against any student who engages in scholastic dishonesty, including, but not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts.
 - a. “Cheating” includes, but is not limited to:
 - i copying from another student’s test paper;
 - ii using, during a test, materials not authorized by the person giving the test;
 - iii failure to comply with instructions given by the person administering the test;
 - iv possession during a test of materials which are not authorized by the person giving the test, such as class notes or specifically designed “crib notes”. The presence of textbooks constitutes a violation if they have been specifically prohibited by the person administering the test;
 - v using, buying, stealing, transporting, or soliciting in whole or part the contents of an unadministered test, test key, homework solution, or computer program;
 - vi collaborating with or seeking aid from another student during a test or other assignment without authority;
 - vii discussing the contents of an examination with another student who will take the examination;
 - viii divulging the contents of an examination, for the purpose of preserving questions for use by another, when the instructors has designated that the examination is not to be removed from the examination room or not to be returned or to be kept by the student;
 - ix substituting for another person, or permitting another person to substitute for oneself to take a course, a test, or any course-related assignment;
 - x paying or offering money or other valuable thing to, or coercing another person to obtain an unadministered test, test key, homework solution, or computer program or information about an unadministered test, test key, home solution or computer program;
 - xi falsifying research data, laboratory reports, and/or other academic work offered for credit;

- xii taking, keeping, misplacing, or damaging the property of The University of Texas at Tyler, or of another, if the student knows or reasonably should know that an unfair academic advantage would be gained by such conduct; and
 - xiii misrepresenting facts, including providing false grades or resumes, for the purpose of obtaining an academic or financial benefit or injuring another student academically or financially.
- b. “Plagiarism” includes, but is not limited to, the appropriation, buying, receiving as a gift, or obtaining by any means another’s work and the submission of it as one’s own academic work offered for credit.
 - c. “Collusion” includes, but is not limited to, the unauthorized collaboration with another person in preparing academic assignments offered for credit or collaboration with another person to commit a violation of any section of the rules on scholastic dishonesty.
 - d. All written work that is submitted will be subject to review by plagiarism software.
2. **The U-T Tyler Writing Center** provides professional writing tutoring for all students in all disciplines. If you wish to use the Writing Center, you should plan for a minimum of two hour-long tutorials per assignment: the first to provide an initial consultation and drafting plan, and the second to follow up. Be prepared to take an active role in your learning, as you will be asked to discuss your work during your tutorial. While Writing Center tutors are happy to provide constructive criticism and teach effective writing techniques, under no circumstances will they fix, repair, or operate on your paper. Location: BUS 202. Appointments: 903-565-5995.
- 3. Disability/Accessibility Services:**
- a. In accordance with Section 504 of the Rehabilitation Act, Americans with Disabilities Act (ADA) and the ADA Amendments Act (ADAAA) the University of Texas at Tyler offers accommodations to students with learning, physical and/or psychological disabilities. If you have a disability, including a non-visible diagnosis such as a learning disorder, chronic illness, TBI, PTSD, ADHD, or you have a history of modifications or accommodations in a previous educational environment, you are encouraged to visit <https://hood.accessiblelearning.com/UTTyler> and fill out the New Student application.
 - b. The Student Accessibility and Resources (SAR) office will contact you when your application has been submitted and an appointment with Cynthia Lowery, Assistant Director of Student Services/ADA Coordinator. For more information, including filling out an application for services, please visit the SAR webpage at <http://www.uttyler.edu/disabilityservices>, the SAR office located in the University Center, # 3150 or call 903.566.7079.
- 4. Grade Replacement/Forgiveness and Census Date Policies:**
- a. Students repeating a course for grade forgiveness (grade replacement) must file a Grade Replacement Contract with the Enrollment Services Center (ADM 230) on or before the Census Date of the semester in which the course will be repeated. (For Fall, the Census Date is Sept. 10.) Grade Replacement Contracts are available in the Enrollment Services Center or at <http://www.uttyler.edu/registrar>. Each semester’s **Census Date** can be found on the Contract itself, on the Academic Calendar, or in the information pamphlets published each semester by the Office of the Registrar.

- b. Failure to file a Grade Replacement Contract will result in both the original and repeated grade being used to calculate your overall grade point average. Undergraduates are eligible to exercise grade replacement for only three course repeats during their career at UT Tyler; graduates are eligible for two grade replacements. Full policy details are printed on each Grade Replacement Contract.
- c. The **Census Date (Sept. 10th)** is the deadline for many forms and enrollment actions of which students need to be aware. These include:
 - i Submitting Grade Replacement Contracts, Transient Forms, requests to withhold directory information, approvals for taking courses as Audit, Pass/Fail or Credit/No Credit.
 - ii Receiving 100% refunds for partial withdrawals. (There is no refund for these after the Census Date)
 - iii Schedule adjustments (section changes, adding a new class, dropping without a “W” grade)
 - iv Being reinstated or re-enrolled in classes after being dropped for non-payment
 - v Completing the process for tuition exemptions or waivers through Financial Aid

5. State-Mandated Course Drop Policy:

- a. Texas law prohibits a student who began college for the first time in Fall 2007 or thereafter from dropping more than six courses during their entire undergraduate career. This includes courses dropped at another 2-year or 4-year Texas public college or university. For purposes of this rule, a dropped course is any course that is dropped after the census date (See Academic Calendar for the specific date).
- b. Exceptions to the 6-drop rule may be found in the catalog. Petitions for exemptions must be submitted to the Enrollment Services Center and must be accompanied by documentation of the extenuating circumstance. Please contact the Enrollment Services Center if you have any questions.

6. Student Absence due to Religious Observance:

- a. Students who anticipate being absent from class due to a religious observance are requested to inform the instructor of such absences by the second class meeting of the semester.

7. Student Absence for University-Sponsored Events and Activities:

- a. If you intend to be absent for a university-sponsored event or activity, you (or the event sponsor) must notify the instructor at least two weeks prior to the date of the planned absence. At that time, the instructor will set a date and time when make-up assignments will be completed.

8. Social Security and FERPA Statement:

- 9. It is the policy of The University of Texas at Tyler to protect the confidential nature of social security numbers. The University has changed its computer programming so that all students have an identification number. The electronic transmission of grades (e.g., via e-mail) risks violation of the Family Educational Rights and Privacy Act; grades will not be transmitted electronically.

10. Emergency Exits and Evacuation:

- a. Everyone is required to exit the building when a fire alarm goes off. Follow your instructor's directions regarding the appropriate exit. If you require assistance during an evacuation, inform your instructor in the first week of class. Do not re-enter the building unless given permission by University Police, Fire department, or Fire Prevention Services.

F. UT Tyler Resources for Students:

1. UT Tyler Writing Center (903.565.5995), writingcenter@uttyler.edu
2. UT Tyler Tutoring Center (903.565.5964), tutoring@uttyler.edu
3. The Mathematics Learning Center, RBN 4021, this is the open access computer lab for math students, with tutors on duty to assist students who are enrolled in early-career courses.
4. UT Tyler Counseling Center (903.566.7254)

Course Schedule

Dates			Topic	Readings
Aug	28	Tu		
	30	Th	Course Introduction	
Unit 1. Speech Production and Transcription				
Sept	4	Tu	Background	(L. & J. Ch 1; Ch 2)
	6	Th	Background	
	11	Tu	Consonants & Transcription	(L. & J. Ch 3)
	13	Th	Consonants & Transcription	
	18	Tu	Vowels and Transcription	(L. & J. Ch 4)
	20	Th	Vowels and Transcription	
	25	Tu	Prosodics/Connected Speech & Transcription	(L. & J. Ch 5)
	27	Th	Prosodics/Connected Speech & Transcription	
Oct	2	Tu	Exam 1	
	4	Th	Laryngeal anatomy	(lecture notes)
Oct	9	Tu	Airstream Mechanisms & Phonation Types	(L. & J Ch 6)
Unit 2. Acoustic Phonetics				
	11	Th	The nature of sound	(L. & J Ch 8 & Lecture Notes)
	16	Tu	Waveform	(L. & J Ch 8 & Lecture Notes)
	18	Th	Spectrum	(L. & J Ch 8 & Lecture Notes)
	23	Tu	Source-filter theory	(L. & J Ch 8 & Lecture Notes)
	25	Th	Exam 2	
	30	Tu	Spectrogram	(L. & J Ch 8 & Lecture Notes)
Nov	1	Th	Spectrogram	(L. & J Ch 8 & Lecture Notes)

	6	Tu	Acoustic correlates of vowels	(Lecture notes)
	8	Th	Acoustic correlates of consonants	(Lecture notes)
	13	Tu	Doing acoustics by computer --- Introduction to PRAAT	
			Unit 3. Speech Variations	
	15	Th	Pitch and energy contours Cross Language Consonant & Vowel Articulations	(L. & J Ch 8 & Lecture Notes) (L & J Ch 7, 9, 10)
	20	Tu	<i>Thanksgiving Holiday</i>	
	22	Th	<i>Thanksgiving Holiday</i>	
	27	Tu	Speech Acquisition	
	29	Th	Listening/Transcribing Data	
Dec	4	Tu	Exam 3	(Lecture Notes)
	6	Th	Assignment Due. Study Session/Final	
	11	Tu	Final Exam 8:00 – 10:00 a.m.	