Instructor: Ramesh “Arby” Bettagere, Ph.D., CCC-SLP/A
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Class Meetings: T&Th 8.00-9.15 AM
Room: JBG 203
Office Hours: T&Th 2.0-3.30 PM

Course Description & Credit Hours:
This course presents information about anatomical and physiological bases of the voice production and disorders, normal parameters of voice, analyses of voice, and clinical evaluation and treatment of voice disorders. (3 Cr. hrs.)

Textbook:

Recommended Readings:
Knowledge Outcomes:
Upon successful completion of this course, the student will be able to:
1. Describe the anatomical and physiological bases of voice production.
2. Discuss normal voice parameters, voice development, and functions of the voice.
3. Explain the effects of neurologic disease on voice production.
4. Identify and describe organic, neurogenic, and functional voice disorders.
5. Describe procedures involved in the evaluation of voice disorders.
6. Describe procedures of voice analysis using perceptual measures.
7. Describe procedures of voice analysis using physical/acoustical measures (instrumentation).
8. Describe the various voice facilitating/treatment approaches.
9. Determine the best treatments/therapy techniques for a specific voice disorder.
10. Apply principles of counseling in the assessment and treatment of persons with voice disorders and/or differences.
11. Develop an awareness of multicultural considerations in the evaluation and treatment of persons with voice disorders and/or differences.

Skills Outcomes:
Upon successful completion of this course, the student will be able to:
1. Perform voice analyses using Visi-Pitch and/or other instrumentation.
2. Measure nasalance of human voice/speech using Nasometer and/or instrumentation.
3. Obtain spectrographs for various speech sounds of American English and conduct voice-onset-time measurements on speech samples using the CSL.
4. Utilize several computer apps in evaluation and treatment of voice disorders.

KASA:
All the learning outcomes fulfill the criteria of American Speech-Language-Hearing Association (ASHA) Knowledge and Skills Acquisition (KASA) standards III – B: Basic Human Communication Processes involving biological, neurological, acoustic, psychological, developmental/lifespan, and cultural in relation to voice production; III – C: Voice and Resonance, including respiration and phonation for both etiology and characteristics; III – D: Voice and Resonance, including prevention, assessment, and intervention strategies; IV – G1: Evaluation sections a - g in regard to voice and resonance, including respiration and phonation; IV – G2: Intervention sections a - g in
regard to voice and resonance and hearing as well including the impact of this on voice and speech production; and IV – G3: Interaction and Personal Qualities a – d in regard to voice and resonance.

**Tentative Course Outline:**
The following is the tentative course sequence. The timing of the course sequence is often influenced by class discussion and participation. This sequence may be altered as the course progresses. The course includes but not limited to the following topics of study:

- Introduction
- Normal Voice, Anatomy & Physiology
- Types of Voice Disorders:
  - Functional
  - Organic
  - Neurogenic
  - Resonance Disorders
- Evaluation of Voice
- Voice Facilitating Approaches
- Management & Treatment of Voice Disorders
  - Special Population
- Multicultural Issues in Management of Voice Communication Disorders

**Formative Assessment & Course Requirements:**
A) There will be a total of three exams. Each exam will account for 50 points. The final exam may be a comprehensive one. The questions on the exams may consist of objective and/or subjective questions. Scheduling of the exams or if there is a change in the scheduling of the exams and/or requirements, it will be announced by the instructor well in advance. The final exam is scheduled on Thursday 12/10/15 from 8.30-10.45 AM.

B) In addition to the exams, there will be assignments, which will account for 145 points. The assignments will include group and individual and projects. The assignments are to be presented/turned in on time. The assignments that are turned in late will be penalized by lowering the points by 25% of the total points designated for the assignments for each day of late submission. If there is a change in the assignments or points allotted to them, it will be announced by the instructor. The assignment reports are to be submitted in hard and electronic copies.

C) To encourage classroom participation, professional behavior, and regular attendance, five points (5 pts.) will be allotted for the purpose.

D) Students must demonstrate proficiency in written composition as written communication skills are basic to professional communication/activities. The written component of examinations/assignments will be graded on appropriateness of content, organization, word usage, spelling, punctuation, and neatness, and APA style.
Grading Scale:
The number of points obtained out of the possible 300 points will determine final Class Grade. (If a student is absent for an exam, she/he will be losing all the points meant for that exam. The student’s final grade is based on the average of points obtained from all the exams and assignments.)
Grading Scale: 90-100% = A; 80-89% = B; 70-79% = C; 60 – 69% = D; < 59% = F.

Remediation:
Students who make a grade lower than “B” on any examination must come to the instructor’s office to discuss study habits and the reasons for poor performance. Extra readings and additional homework assignments may be allocated (as necessary) to ensure the acquisition of the requisite skills. Participation in the remedial work does not ordinarily lead to a grade change.

Statement about Behavior Expectations, Attendance Requirements, Academic Integrity, and Make-up Exam Policy:
Students are expected to maintain professional standards of behavior at all time when fulfilling course requirements. Free discussion, inquiry, and expression are encouraged in this class. Classroom behavior that interferes with either (a) the instructor's ability to conduct the class or (b) the ability of students to benefit from the instruction is not acceptable. Examples may include routinely entering class late or departing early; use of beepers/cellular phones, or other electronic devices; repeatedly talking in class without being recognized; talking while others are speaking; or arguing in a way that is perceived as "crossing the civility line". In the event of a situation where a student legitimately needs to carry a beeper/cellular phone to class, prior notice and approval of the instructor is required.

Use of laptops is exclusive to note taking or instructor-directed Internet sites. Students who inappropriately use their laptops in the classroom will be asked to leave the classroom and will not be permitted to use the laptop in the classroom for the remainder of the semester.

Class attendance is regarded as an obligation as well as a privilege, and all students are expected to attend regularly and punctually all classes in which they are enrolled. Failure to do so may jeopardize a student's scholastic standing. Instructor will keep a permanent attendance record for each class.

Students are expected to be on time for all the classes. Students are responsible for all materials, assignments, etc. presented in the class by the instructor. If you miss a class it is your responsibility to make up for that class missed. Tape recording of the lectures/class presentations is not permitted unless prior permission to do so is taken from the instructor.

Students are expected to maintain the highest standards of academic integrity. Behavior that violates these standards is not acceptable. Examples are the use of unauthorized material, communication with fellow students during an examination, attempting to
benefit from the work of another student and similar behavior that defeats the intent of an examination or class work.

“Plagiarism is a serious offense. An act of plagiarism may lead to a failing grade on the work involved and in the course, as well as sanctions that may be imposed by the department, the Graduate School, and the University.” (USM Graduate Bulletin: [http://catalog.usm.edu/content.php?catoid=6&navoid=401#Plagiarism](http://catalog.usm.edu/content.php?catoid=6&navoid=401#Plagiarism)).

Students will **not** be given make-up exams without a valid written excuse for the absence. If a student is too sick and unable to take an exam, she/he should bring a note from her/his physician, which can be verified by the instructor. Without such a valid written note there can be no excused absences from an exam. Any student who is excused from an exam will be able to take a make-up exam until the time the original test is returned to the entire class. Once a test has been returned, make-ups are no longer possible. In such situations, alternate arrangements will be made on a case-by-case basis. **If there is a make-up exam, it can be in the form of oral exams.**

Students should consult the USM’s current bulletin for information regarding the last day to drop or resign from the university without grade penalty. Regarding e-mail communication, students are expected to check their USM’s e-mail periodically for any official communication.

**Information for Students with Disabilities:**
If a student has a disability that qualifies under the American with Disabilities Act (ADA) and requires accommodations, he/she should contact the Office for Disability Accommodations (ODA) for information on appropriate policies and procedures. Disabilities covered by ADA may include learning, psychiatric, physical disabilities, or chronic health disorders. Students can contact ODA if they are not certain whether a medical condition/disability qualifies. Address: The University of Southern Mississippi, Office for Disability Accommodations, 118 College Drive # 8586, Hattiesburg, MS 39406-0001 Voice Telephone: (601) 266-5024 or (228) 214-3232 Fax: (601) 266-6035, Individuals with hearing impairments can contact ODA using the Mississippi Relay Service at 1-800-582-2233 (TTY) or email Suzy Hebert (Suzanne.Hebert@usm.edu).