

ANDREWS UNIVERSITY
DEPARTMENT OF SPEECH-LANGUAGE PATHOLOGY & AUDIOLOGY

COURSE: DISORDERS OF VOICE AND FLUENCY
SPPA 447 4 Credits
SPRING 2012 T R 8:30 - 9:45 a. m.
Bell Hall Rm 161

INSTRUCTOR: Heather Ferguson MS, - CCC/SLP
Associate Professor of Speech-Language Pathology
Bell Hall Rm 157B
Phone: 471-6369
E-mail: hferguson@andrews.edu

REQUIRED TEXT: Ferrand, C. (2012) *Voice Disorders – Scope of Theory and Practice*
Pearson Education Inc., Upper Saddle River, New Jersey

Guitar, B. (2006) *Stuttering: An Integrated Approach to Its Nature, Third Edition*, Lippincott Williams & Wilkins, Baltimore, Maryland.

PREREQUISITES: SPPA 234 (Introduction to Speech-Language Pathology and Audiology)
SPPA 280 (Anatomy and Physiology of Speech and Hearing)

COURSE DESCRIPTION: A study of the anatomy and physiology of the vocal mechanism, with emphasis on normal and abnormal processes of voice and fluency. Assessment and treatment principles of functional, organic and neurological voice pathologies will be addressed, as well as basic principles of stuttering diagnosis and therapy. Prerequisites: SPPA234, 280, 310. (AU Bulletin, 2011-2012)

COURSE OBJECTIVES:

- Discuss the anatomy and physiology central to normal voice production.
- Determine the parameters of normal voice and fluency
- Explain various theories of phonation and fluency.
- Describe the characteristics of various voice and fluency disorders including their clinical manifestations.
- Outline assessment and treatment techniques for voice and fluency disorders.

COURSE REQUIREMENTS:

1. **Class Attendance:** Attendance will be taken during the first five minutes of class. Promptness is vitally important to the continuity of class discussion. If you are unable to attend class, please notify the instructor prior to class to make arrangements to make up work and obtain handout material. Three absences will be allowed. Absences beyond that will jeopardize your grade 2% per day missed after the third day. Prolonged illness with physician explanation will be addressed on an individual basis.

2. **5-10 point quizzes** will be given at the beginning of some class. These will be given during the first 5 - 10 minutes of class. Students arriving late will not be permitted to make up these quizzes.
3. **Two partial exams and one comprehensive final exam.** Exams missed due to an excused absence may be made up within three days of the original administration of the exam. Arrangements must be made prior to the day of the exam.
4. **A stuttering simulation experience project** will be required of each student. This experiential assignment is important in order that the clinician understand, to the extent possible, the overt and covert dimensions of stuttering. It is also important that the clinician be able to model the desired target responses for the client. Each student will engage in pseudo stuttering in 2 different speaking situations and **write-up reactions in a 1-2 page paper.** Examples of pseudo-stuttering include silent blocks, voluntary stuttering, cancellations/pull-outs, etc. **Due April 5.**
5. **Two case studies will be assigned.** This will include voice case. The cases and questions to answer will be distributed during class.
6. **Four Lab activities will be scheduled.** These lab activities will consist of video reviews and a completion of an oral peripheral examination completed with a partner. Labs are worth 15 points each.
7. Each student will prepare a **hypothetical clinical portfolio.** Case study may be for an individual with a voice or a fluency disorder. The portfolio is due on April 24. Voice disorders may be one of the following:
 - Polypoid Degeneration/Reinke's Edema
 - Paradoxical Vocal Fold Dysfunction (PVFD)
 - Spasmodic Dysphonia
 - Psychogenic/conversion Disorders
 - The Trans-sexual Voice
 - Dysplasia & Laryngeal Cancer
 - Sulcus Vocalis
 - Essential Voice Tremor
 - Voice and Craniofacial Anomalies
 - Vocal Disorders in Parkinson's disease

Stuttering Disorders may be:

- Mild
- Moderate
- Severe

The **hypothetical clinical portfolio** is worth 100 points and will include the following:

- a. Case History Forms
- b. Referral Letter(s)
- c. Copies of Test forms (filled out) as appropriate
- d. Complete diagnostic report
- e. Sample Therapy Plan
- f. Any other relevant communication

GRADES:

Grades are based on the following:

1. Class attendance and participation - 20 points
2. Project (hypothetical case study) - 100 points
3. The examinations (including final) - 300 points
4. Case Study - 30 points
5. Stuttering Simulation - 30 points
6. Guest Speaker Response - 30 points
7. Quizzes - 60 points
8. Labs - 60 points

Total points 600 points

Grading Scale:

A	94.0 - 100.0%
A-	90.0 - 93.99%
B+	87.5 - 89.99%
B	83.5 - 87.49%
B-	80.0 - 83.49%
C+	77.5 - 79.99%
C	73.5 - 77.99%
C-	70.0 - 73.49%
D	65.0 - 69.99%
F	Below 65%

COURSE POLICIES

- **Academic Integrity:** In harmony with the mission statement of Andrews University, it is expected that all students will demonstrate moral integrity. Therefore, plagiarism, copying other students work, stealing quizzes or exams is a serious offense. Possible consequences are a warning, reduced or failing grade, suspension or dismissal from the class, expulsion from the university, and/or degree cancellation.
- **Cell phones:** All cell phones are to be **turned off** during class time. Ringing and/or vibrating cell phones are a distraction to the students as well as to the instructor.
- **American Disabilities Act:** If you qualify for accommodations under this act, please see the instructor as soon as possible for referral and assistance in arranging such accommodation.
- **Changes:** For the purpose of an enhanced learning experience for the students some assignments, quizzes, tests and projects may be changed or altered at the discretion of the instructor. Likewise, the class schedule is tentative and subject to change.
- **All assignments are due at the beginning of class.** After that time a daily deduction of 5% will be applied to the final of the assignment. After 3 days (72 hours) the assignment will no longer be accepted.

TENTATIVE CLASS SCHEDULE

DATE		TOPIC	CHAPTER	ASSIGNMENT	
VOICE DISORDERS					
January	10	Orientation			
	12	Anatomy and Physiology of Respiratory and Laryngeal Systems	Ch 1		
17					
January	19	Considerations in Voice Treatment	Ch 3		
	24				
	26	Diagnosis and Evaluation of Voice Disorders	Ch 4	Voice Case Study Due # 1	
	31				
February	02	Examination #1			
	07	Guest Speaker			
	09	Inflammatory Conditions of the Larynx	Ch 6	Guest Speaker Response #1	
	14				
	16	Structural Lesions of the Larynx	Ch 7		
	21			?	
	23	Benign Lesions of the Vocal Fold Mucosa and Vocal Fatigue Associated with Lifestyle, Personality, and Occupational Factor	Ch 8	Voice Case Study Due # 2	
	28				
March	01	Movement Disorders	Ch 9		
	06				
	08	Examination # 2			
	FLUENCY				
		13	Introduction to Stuttering	Ch 1	
		15			Guest Speaker
		20	Spring Break		
		22	No Classes - Enjoy!		
		27	Constitutional Factors in Stuttering	Ch 2	Guest Speaker Response #2
		29			
April	03	Theories About Stuttering	Ch 4		
	05	Normal Disfluency and the Development of Stuttering	Ch 5		
	10	Assessment and Diagnosis	Ch 7	Stuttering Simulation Due	
	12				
	17	?			
	19	Treatment of Fluency Disorders			
	24	"The King's Speech"		Hypothetical Case Study Due	
	26				
May	03	Final Exam (7:30 - 9:30 am)			