

ANDREWS UNIVERSITY
DEPARTMENT OF SPEECH-LANGUAGE PATHOLOGY & AUDIOLOGY

COURSE: DISORDERS OF VOICE AND FLUENCY
SPPA 447 3 Credits
SPRING 2014 M - W - F 8:30 - 9:20 a. m.
Bell Hall Rm 180

OFFICE HOUR: Hours are posted.

INSTRUCTOR: Heather Ferguson MS, - CCC/SLP
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REQUIRED TEXT: Ferrand, C. (2012) *Voice Disorders – Scope of Theory and Practice*
Pearson Education Inc., Upper Saddle River, New Jersey

Guitar, B. (2014) *Stuttering: An Integrated Approach to Its Nature, Fourth Edition*, Lippincott Williams & Wilkins, Baltimore, Maryland.

For ISBN and price information, please see the listing at the Bookstore
www.andrews.edu/bookstore

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, 2013 - 2014)

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 classes. These quizzes 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. Exams missed due to a medical illness will only be made up with a signed medical notice.
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.
5. **Two case studies will be assigned.** This will include one voice case and one fluency case. The cases and questions to answer will be distributed during class. (see class schedule for due dates) Each is worth 20 points.
6. **Movie Review.** Each student is required to watch the King's Speech. A short response paper will be completed by each student. Students will watch the movie at the time of their choosing. This movie is available in the James White Library as well as in the department. The movie can be signed out for 3 hours at a time and must be returned to the department. If signed out overnight, it must be signed out no earlier than 4 pm and must be returned by 8 am the following morning.
7. **Two Research Article Reviews.** Student will find a research based article, one in the area of voice disorders and the other in the area of disfluency. Each article review will highlight the purpose of the article, research question, method used to conduct the research, final findings and questions or additional research that the article could inspire. Each is worth 25 points. (see class schedule for due dates)
8. Each student will prepare a **hypothetical clinical case 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 or one of the student's choosing:
 - 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:

- Referral Letter(s)
- Case History Forms
- Copies of Test forms (filled out) as appropriate
- Complete diagnostic report
- Sample Therapy Plan
- Any other relevant communication and/or information

GRADES:

Grades are based on the following:

- Exams (including comprehensive final examination) - 30%
- Quizzes - 15%
- Portfolio Project - 30%
- All other assignments - 20%
 - Stuttering simulation experience
 - Case study
 - Movie review
 - Research article review
- Attendance and Participation - 5%

Adjustments to the syllabus may be made at the instructor's discretion

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	6	Review of Syllabus and Course Requirements		
	8	Review of Syllabus and Course Requirements	Chapter 1	
	10			
	13	Anatomy and Physiology of the Respiratory and Laryngeal Systems		
	15			
	17	Considerations in Voice Treatment	Chapter 3	
	20	MLK Celebration - No Classes		
	22*	Consideration in Voice Treatment		
	24*	(class meets at 8:10 - 8:50)		Voice Disorders Case Study
	27	Diagnosis and Evaluation of Voice Disorders	Chapter 4	
	29			
	31			
February	3	Clinical Management	Chapter 5	
	5	Examination #1		
	7	Clinical Management	Chapter 5	
	10			Article Review - Voice Disorders
	12	Inflammation Conditions of the Larynx	Chapter 6	
	14			
	17	President's Day - No Class		

	19	Guest Speaker		
	21	Specific Benign Lesions of Vocal Fold...	Chapter 8	
	24			Guest Speaker Response
	26	Movement Disorders	Chapter 9	
	28			
FLUENCY DISORDERS				
March	3	Introduction to Stuttering	Chapter 1	
	5			
	7	Constitutional Factors in Stuttering and Theories about Stuttering	Chapters 2 & 6	Stuttering Research Article Review
	10			
	12	Examination # 2		
	14	Spring Break Be Safe and Have a Great Time!!!		
	17			
19				
March	21			
	24	Constitutional Factors in Stuttering and Theories about Stuttering	Chapter 2 & 6	Stuttering Case Study
	26	Normal Disfluency and the Development of Stuttering		
	28			
	31		Stuttering Simulation	
April	02	Assessment and Diagnosis	Chapter 8	
	04			
	7			
	9	Guest Speaker?		
	11	No Class?		
	14	Treatment of Fluency Disorders Borderline - Beginning Stuttering	Chapters 11 & 12	Guest Speaker Response
	16			
	18	Treatment of Fluency Disorders Intermediate - Advanced Stuttering	Chapters 13 & 14	
	21			
	23			
	25	No Class - Reading Day		Portfolio Project
	30	Comprehensive Final Exam (7:30 - 9:30)		