

COURSE: SPPA 458 Aural Rehabilitation 3 Semester Credits
Fall 2007, M,W, F - 8:30 -9:20 a.m. BH 161

INSTRUCTOR: Darah J. Regal, AuD., CCC-A
Assistant Professor of Audiology
Bell Hall 157B, Office hours will be posted on my office door
Phone: 471-3469 (Office)
E-mail - dregal@andrews.edu

REQUIRED TEXTBOOK: Tye-Murray, Nancy, (1998) Foundations of Aural Rehabilitation.
Singular Publishing Group, Inc. San Diego, California.

COURSE DESCRIPTION: A conceptual approach to the rehabilitation of the hearing impaired. A study of rehabilitative procedures including total communication, auditory training, hearing aid considerations and communication strategies for the hearing impaired from birth to geriatric.

COURSE OBJECTIVES: At the conclusion of this course students will have demonstrated proficiency in:

1. Explaining given audiological findings:
 - a. The type and degree of hearing loss and its' effects on communicative function.
 - b. The psycho-social implication of the hearing impairment and
 - c. Measures that may be taken to achieve optimum communication.
2. Explaining the basic operation, care and maintenance of a hearing aid and cochlear implant..
3. Planning an aural rehabilitation program for a hearing impaired individual based on audiological findings and case history information.

COURSE REQUIREMENTS:

1. **Class Attendance:** Record will be taken during the first five minutes of class. Promptness is vitally important to the continuity of class discussion. Three tardies will be considered as one absence. If you find you will be unable to attend class, it is important that you notify the teacher **PRIOR TO THE CLASS** to make arrangements for making up the work and obtaining handout material. More than three absences will jeopardize your grade.

Quizzes missed due to an excused absence will be prorated. Tests missed due to an excused absence may be made up within three days after the absence.

2. **Quizzes:** There will be a quiz or quizzes every week except when there is an exam that week. The quiz will be given in the first few minutes of class and may or may not be announced prior to class.
3. **Examination:** There will be a total of four examinations; three during the semester and the final. Each will be worth 75-100 points.
4. **Practical Assignments:**

1. You will wear ear plugs for 24 hours and write a one page type-written summary of impressions, feelings, reactions from others. Share with the class. (15 points)

2. You will make a 20 minute presentation to the class:

- A. You will be given an audiogram and short case history for a patient who needs aural rehabilitation.
- B. Develop an aural rehabilitation plan for your patient including short and long term goals, and 1 complete therapy session
- C. Present an adult, group or child aural rehabilitation therapy session to the class. Make sure you have visual aids etc, to have a successful session. Someone from the class will be randomly selected to be your hearing impaired client.
- D. Write a letter to a family physician explaining the audiogram and proposed aural rehabilitation plan. Make sure you explain why you feel the patient would benefit from aural rehabilitation.. If you have recommended a hearing aid, explain why you chose the type and style of hearing aid and realistic benefits of the hearing aid.
- E. Write a letter to a family member explaining the audiometric results and explain the need for aural rehabilitation. Explain basic troubleshooting techniques for the family member. You could even make up a chart that they could have on the refrigerator, or a check sheet etc.
- F. Turn in all written materials on the day of your presentation. This presentation is worth 100 points.

3. Compare and Contrast the following hearing aid companies: Oticon, Starkey, Phonak and a company of your choice. Further information regarding this assignment will be supplied later.

4. Trip to the Hearing Professionals in South Bend – More information to follow

5. Compare and contrast the three cochlear implant companies. Tell 3 advantages and 3 disadvantages to each companies implant. If you had to pick an implant for yourself, which one would you want. Defend you answer. (25 points)

6. Read and summarize Chapter 18, AManagement of Cochlear Implants in Children. The summary will be typed and turned in. After the summary has been turned in and graded you may schedule a visit to the hearing impaired program at Berrien County Schools (for at least one hour). Turn in a 1-2 page typed paper on your observations at the hearing impaired program and how it compared to your summary of Chapter 18 in the textbook. (30 points)

7. Observations - 4 Hearing aid appointments, at least one must be an initial hearing aid fitting observation. Fill out an observation form (available in the department) for the observation. On a separate sheet, indicate what type of hearing aid, measurement outcomes used, patient satisfaction observed, examples of aural rehabilitation used, and what you think went well during the appointment and what you think didn't go well during the appointment. (40 points)

8. Chapter Summary - Multiple Choice Questions - for each chapter covered. Due dates are indicated on the tentative course schedule.. (10-15Points depending on number of questions)

9. Periodically, chapter summaries, aural rehabilitation plans and suggestions will be assigned to be used during class discussions. These assignments will be worth 10-25 points each.

10. Changes to the course outline, assignments, quizzes and exams may be changed as deemed necessary by the professor to foster optimal instruction. This can include additional assignments, review quizzes or assignments and extra credit.

5. **Miscellaneous:** All tests and written assignments will remain in the possession of the instructor. They will be distributed during the class period and collected before you leave the class to be recorded.

6. GRADING: Grades will be calculated on a percentage basis as follows:

94.0 - 100%	A	77.5-79.99	C+
90.0 - 93.99	A-	73.5-77.49	C
87.5 - 89.9	B+	70.0-73.49	C-
83.5 - 87.49	B	65.0-69.99	D
80.0 - 83.49	B-	Below 65%	F

7. Academic dishonesty including plagiarism, copying other students work, stealing quizzes or accepting stolen 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.
8. Andrews University is committed to the education of all students on campus. AIf you qualify for accommodations under the American Disabilities Act, please see the instructor as soon as possible for referral and assistance in arranging such accommodations.@
9. CELL PHONES and EATING in class. In an effort to make the most valuable use of your time and mine, I am requesting that cell phones be turned off during class and that eating during class be discontinued. Cell phones ringing and/or vibrating are a distraction. If there is an emergency and you need to be reached by cell phone during class, you must discuss the emergency with me prior to class. Please plan to eat prior to class so that you can easily participate in class discussion and take notes.
10. E-MAIL - you are responsible for checking your Andrews e-mail account for messages from class. Please check your e-mail on a regular basis for important messages.

TENTATIVE CLASS SCHEDULE

Aug.	27	Introduction, Audiogram Review	Chapter 6
	29	Audiology Review	Chapter 6
		CHAPTER 6 QUESTIONS DUE	
	31	What is Aural Rehab?	Chapter 1
		CHAPTER 1 QUESTIONS DUE	
Sept.	3	NO CLASS - LABOR DAY	
	5	Communication Strategies	Chapter 2
		CHAPTER 2 QUESTIONS DUE	
	7	Conversation styles	Chapter 2
	10	Assessment of Conversational fluency Chap.	3
		CHAPTER 3 QUESTIONS DUE	
	12	Communication Handicap	Chapter 3
		Practical Assignment #1 Due	
	14	EXAM 1	
		17	Communication Strategies (8:20-9)
		CHAPTER 4 QUESTIONS DUE	
	19	Communication Strategies (8:20-9)	Chapter 4
	21	Counseling (8:20-9)	Chapter 5
	24	Counseling and beginning hearing aids Chap	5
		CHAPTER 5 QUESTIONS DUE	
	26	Hearing aids	Chapter 7
	28	Hearing Aids	Chapter 7
		CHAPTER 7 QUESTIONS DUE	
		Practical Assign #7 (2 obs due)	
Oct.	1	Hearing Aids	Chapter 7
		Practical Assign #3 due	
	3	Cochlear Implants	Chapter 7
	5	Assistive listening devices	Chapter 7
		Practical Assign #5 due	
	8	NO Class - Fall Recess	
	10	Auditory Training	Chapter 8
		CHAPTER 8 QUESTIONS DUE	
	12	Auditory Training	Chapter 8
		15	Speechreading
		CHAPTER 9 QUESTIONS DUE	
17	EXAM 2		
19	Speechreading Training	Chapter 10	
		CHAPTER 10 QUESTIONS DUE	
		Practical Assign #6 summary due	

	22	Children with hearing loss	Chapter 14
	24	Children with hearing loss	Chapter 14
		CHAPTER 14 QUESTIONS DUE	
	26	Aural Rehab plans for Children	Chapter 15
		Practical Assignment #5	
	29	Intervention for children	Chapter 15
		CHAPTER 15 QUESTIONS DUE	
	31	Speech and Language	Chapter 16
Nov.	2	Literacy Development	Chapter 16
		CHAPTER 16 QUESTIONS DUE	
	5	Vocal Quality	Chapter 16
		Practical Assignment #6	
		Paper due	
	7	MOCK IEP MEETING	
	9	MOCK IEP MEETING	
		Two observations due	
		Practical Assignment #7	
	12	Adults with hearing loss	Chapter 11
		CHAPTER 11 QUESTIONS DUE	
	14	Adults with hearing loss	Chapter 11
	16	EXAM 3	
	19	Oral or manual?	
	21	NO CLASS THANKSGIVING BREAK	
	23	NO CLASS THANKSGIVING BREAK	
	26	Adults AURAL REHAB	Chapter 12
	28	Adults aural rehab	Chapter 12
		CHAPTER 12 QUESTIONS DUE	
	30	Older Adults	Chapter 13
		CHAPTER 13 QUESTIONS DUE	
Dec.	3	PRESENTATIONS - Practical Assignment #2	
	5	Presentations	
	9	Presentations/review	

Final Examination - Wednesday, December 12,
2006, 7:30-9:30 a.m.