

COURSE: SPPA 458 Aural Rehabilitation 3 Semester Credits
Fall 2010 M,W, F - 8:30 -9:20 a.m. BH 161

INSTRUCTOR: Darah J. Regal, AuD., CCC-A
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REQUIRED TEXTBOOK: Tye-Murray, Nancy, (2009) Foundations of Aural Rehabilitation. 3rd Edition, Delmar Cengage Learning, Clifton Park, NY.

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 show proficiency in their ability to:

1. Explain 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. Explain the basic operation, care and maintenance of a hearing aid and cochlear implant.
3. Plan and implement 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. Three absences will be allowed (excused or unexcused). Absences beyond that will jeopardize your final grade 2% per day missed after the third day. Prolonged illness with physician explanation will be dealt with individually.

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 75-125 points.
4. **Practical Assignments:**

1. You will wear ear plugs for a consecutive 24 hour period. Turn in a written, one-to two page type-written summary of impressions, feelings, and reactions from others. You must wear the earplugs for at least one meal with friends, to one class lecture (not an exam), and for at least one phone conversation. Be prepared to share your experience with the class. (15 points)

2. You will make a 10 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 the hearing impaired client during your presentation.
- 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. Rate each website (1 being the best to 4 the lowest) for consumer friendliness/usefulness, professional usefulness and overall appeal. Defend your rating system based your experience while using/reading/searching each website. If you had to wear a hearing aid, choose a specific style, model and company and explain why you made the choice. (25)

4. Compare and contrast the three cochlear implant companies (Med El, Cochlear and Advanced Bionics). Tell 3 advantages and 3 disadvantages to each company's implant. If you had to pick an implant for yourself, which specific one would you want. If you had to pick an implant for your child, which specific one would you choose and why? Defend you answer. (25 points)

5. Schedule a visit to the hearing impaired program at Berrien County Schools (for at least one hour). You need to observe children with hearing aids and children with cochlear implants. Turn in a 1-2 page typed paper on your observations at the hearing impaired program. (20 points)

6. Observations - 3 hours of Hearing aid appointments, at least one appointment must be an initial hearing aid fitting observation. Turn in a typed report for each patient observed. Include in your report : clinic information, audiologist observed, date and time of the observation, type of hearing aid, measurement outcomes used (look this up in the textbook if you do not know what the term means), 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 (if anything) during the appointment. (30 points)

7. 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.

8. 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. All 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.	23	Introduction, Audiogram Review	Chapter 1,2
	25	Audiogram review	
	27	Speech Testing	
	30	Listening Devices	Chapter 3
Sept	1	Listening Devices	Chapter 3
	3	Listening Devices	Chapter 3
		Practical Assignment #3 Due	
	6	NO CLASS - LABOR DAY	
	8	Listening Devices	Chapter 3
	10	EXAM 1	
	13	Cochlear Implants (8:10-8:50)	Chapter 3
	15	Cochlear Implants (8:10-8:50)	Chapter 3
	17	Auditory Training (8:10-8:50)	Chapter 4
		Practical Assignment #4 Due	
	20	Auditory Training	Chap 4
	22	Speechreading	Chapter 5
	24	Speechreading	Chapter 5
		Practical Assign #6 (1½ hours due)	
	27	Speechreading training	Chapter 6
	29	Communication Strategies	Chapter 7
Oct	1	Conversation Styles	Chapter 7
		Practical Assign #1 due	
	4	Conversational fluency	Chapter 7/8
	6	EXAM 2	
	8	Assess conversational fluency	Chapter 8
	11	FALL BREAK NO CLASS	
	13	Assess Communication Difficulties	Chapter 8
	15	Communication Strategies	Chapter 9
	18	Counseling	Chapter 10
	20	Counseling	Chapter 10
	22	Infants and Toddlers	Chapter 14
		Practical Assignment #6 (1 1/2 hours due)	
	25	Infants and Toddlers	Chapter 14
	27	Infants and Toddlers	Chapter 14
	29	School Age Children	Chapter 15
NOV	1	School Age	Chapter 15
		Practical Assignment #5 Due	
	3	MOCK IEP MEETING	

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8	Adults with hearing loss	Chapter 11
10	EXAM 3	
12	Adults with Hearing loss	Chapter 11
15	Aural Rehab Plans Adults	Chapter 12
17	Older Adults	Chapter 13
19	Older Adults	
22	Presentations	
24	THANKSGIVING BREAK - NO CLASS	
26	THANKSGIVING BREAK - NO CLASS	
29	Presentations	
Dec. 1	Presentations	
3	NO CLASS - EXAM PREP	

**Final Examination - Wednesday, December 8,
2010, 7:30-9:30 a.m.**