

COURSE: SPPA 458 Aural Rehabilitation 3 Semester Credits
Fall 2013 T, TH – 10:00-11:15 a.m. BH 161

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REQUIRED TEXTBOOK: Tye-Murray, Nancy, (2009) Foundations of Aural Rehabilitation. 3rd Edition, Delmar Cengage Learning, Clifton Park, NY.

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

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.

This course meets the following Audiology KASA standards:

Standard IV-A: Foundations of Practice – A3, A4, A5, A6, A7, A9, A10, A15, A16, A17, A19, A20, A21, A22, A23-c & d, A26, A27

Standard IV-C: Assessment – C10

Standard IV-D: Intervention (Treatment) – D2-a, d, D5

Standard IV-E: Advocacy/Consultation – E1

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** 18 hour period, the remaining 6 hours must be at night when sleeping. They must be worn during **all** waking hours during the 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** (not text) to anyone you choose. In addition you must call a store and ask for information about a product you would like to purchase. This must be at least a 10 minute phone conversation where you are asking questions and gaining information. 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, Resound 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 on 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 your 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 - 5 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. (50 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. If you qualify for accommodation under the American Disabilities Act, please see contact Student Success in Nethery Hall 100 (disabilities@andrews.edu or 269-471-6096) as soon as possible so that accommodations can be arranged.

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.

11. Andrews University takes the safety of its student seriously. Signs identifying emergency protocol are posted throughout buildings. Instructors will provide guidance and direction to students in the classroom in the event of an emergency affecting that specific location. It is important that you follow these instructions and stay with your instructor during any evacuation or sheltering emergency.

TENTATIVE CLASS SCHEDULE

Month	Date	Topic	Assignment	Reading
Aug	27	Intro, audiogram Review		Chap. 1 and 2
	29	NO CLASS - convocation	Turn in take home project	
Sept	3	Speech testing		2
	5	Listening Devices	Practical Assign. 3 due	3
	10	Listening Devices		3
	12	Listening Devices		3
	17	Listening Devices		3
	19	Cochlear implants	Practical Assign. 4 due	3
	24	EXAM 1		
	26	Auditory Training		4
Oct	1	Speech Reading		5
	3	Speechreading training	Practical Assign. 1 due	6
	8	Communication strategies		7
	10	Communication Fluency		8
	15	NO CLASS - Fall BREAK		
	17	Assess Communication Difficulties		8
	22	Communication strategies		9
	24	EXAM 2		
	29	Counseling	Practical Assign. 6 due	10
	31	Infants and Toddlers		14
Nov	5	Infants and Toddlers		14
	7	School Age	Practical Assgn. 5 due	15

	12	MOCK IEP Meeting		
	14	NO CLASS - ASHA TOUR		
	19	Aural Rehab Plan Adults		11,12
	21	EXAM 3		
	26	Older Adults		13
	28	THANKSGIVING BREAK		
Dec	3	Presentations		
	5	Presentations		
Dec	12 (10 am-12)	FINAL EXAM	COMPREHENSIVE	EVERYTHING