

**COURSE:** SPPA 458 Aural Rehabilitation      3 Semester Credits  
Fall 2015 T, TH – 10:00-11:15 a.m. BH 183

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**REQUIRED TEXTBOOK:** Tye-Murray, Nancy, (2015) Foundations of Aural Rehabilitation. 4th 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](http://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 without increasing the volume of the phone. 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 **each** of the following content areas: consumer friendliness/usefulness, professional usefulness and overall appeal. Defend/explain/discuss 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. (40)

4. Compare and contrast the three cochlear implant companies (Med El, Cochlear and Advanced Bionics) and their products. Choose the most recent cochlear implant product from each company and discuss 2 advantages and 2 disadvantages of each product as compared to the other manufacturers. 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. (30 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 - 4 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. (40 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. **MAYBE A CLASS PROJECT --- still working on this.**

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

### **LATE POLICY**

Assignments may only be turned in during class time. Assignments will no longer be accepted in my in-box, handed to me outside of class or placed in my office. A new system has been developed for receiving assignments. There will be a folder and a turn-in sheet to sign when the assignment is placed in the folder during class. If you do not have your assignment during class it may be turned in a subsequent class periods for the following discounts: 1. One class period late during the same week 10%, 2. One class period late over a weekend 15%, 3. Two class periods late 40%, 4. Three class periods late 50%, NO assignment accepted four class periods after the due date. **FOR EXAMPLE:** Practical assignment 3 is due September 3. If the assignment is placed in the folder, and the sheet signed on September 3, full points are possible (25), if the assignment is placed in the folder on Sept.8, (21 points – maximum possible), September 10 (15 maximum points) September 12 ( 12.5 maximum points). If you are not going to be in class, it is your responsibility to have someone in the class submit your assignment and sign their name. No assignments will be returned to the class until after the fourth class period or all assignments for the class have been received.

## **Disability Information**

***If you qualify for accommodation under the American Disabilities Act, please see contact Student Success in Nethery Hall 100***

***([disabilities@andrews.edu](mailto:disabilities@andrews.edu) or 269-471-6096) as soon as possible so that accommodations can be arranged.***

## Academic Integrity

***University learning thrives on the rigor of individual investigation, the authentic exchange of ideas, and a corporate commitment to integrity and mutual respect. University learning requires all members of the academic community to behave honestly. Andrews University anchors its practices in the teachings of the Bible as well as in widely established and honorable academic traditions. As the apostle Paul calls us to authenticity in our Christian walk, so the educational institution demands of its participants true and accurate self-representation. In Ephesians, Paul invites believers “to be renewed in the spirit of your minds, and to clothe yourselves with the new self, created according to the likeness of God in true righteousness and holiness” (Eph. 4:23-24, NRSV). As scholars and as Christ servants, we build His living body through our honesty in all things, both small and great. To that end, Andrews University’s faculty and students pledge to learn and grow together, committing to the following Standards and affirming honesty as a core component of an Andrews University education.***

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

## Emergency Protocol

***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.***

## Professionalism

To prepare students for the professional world, certain behaviors/activities are not allowed in the classroom.

Ⓜ Cell Phones, Personal Laptops, and Recording devices: Cell phones should be turned off before entering the classroom. Picture-taking during class is not allowed. Recording devices are allowed only if pre-approved by instructor, and if approved, under no circumstance are recordings—visual or verbal—to be posted on a public website. If there is a family emergency and cell phone contact is necessary, please talk with me prior to class.

Laptops should not be used for surfing the web or watching movies during class. It is disrespectful and unprofessional to use these devices inappropriately during class.

- ⑩ Late Assignments are unacceptable unless prearranged with instructor. (Refer to late policy specifics)
- ⑩ Tardiness is strongly discouraged and may reflect on your level of professionalism
- ⑩ Eating in class: Please do not bring food or beverages to class. Water is permitted.

Presentation is important. Your attention to detail, demeanor, and attire factor into how you are perceived as a professional. Active participation in class discussions and critiques is an essential part of learning. Without participating and expressing opinions and thoughts, it is impossible to clarify your goals and develop a personal style.

## **Student Responsibility**

E-mail is the official form of communication at Andrews University. Students are responsible for checking their Andrews University e-mail, Moodle, and iVue alerts regularly. Please inform fellow classmates of important e-mail information, especially for cancellation of classes, changes in assignments and/or exam information. If you choose to send an e-mail to me please send them to [dregal@andrews.edu](mailto:dregal@andrews.edu). Please understand that I will be responding to e-mail during normal business hours (8-5 M-Th and 8-12 on Friday). You should receive a response within 48 hours. If you have not received a response, please re-send the e-mail

## **Attendance**

Regular attendance is required at all classes, laboratories, and other academic appointments. When the number of absences exceeds 20% of the total course appointments for undergraduate classes or 10% for graduate classes, the teacher may assign a failing grade.

### TENTATIVE CLASS SCHEDULE

Month	Date	Topic	Assignment	Reading
Aug	25	Intro, audiogram Review		Chap. 1
	27	NO CLASS - convocation	<b>Turn in take home project</b>	
Sept	1	Adults with hearing loss		2
	3	Adults with hearing loss	<b>Practical Assign. 3 due</b>	2,11
	8	Assessing Hearing acuity		3
	10	Listening Devices		4
	15	Listening Devices		4
	17	Listening Devices implants	<b>Practical Assign. 4 due</b>	4
	22	Cochlear implants		4
	24	<b>EXAM 1</b>		
	29	Auditory Training		5, 16
Oct	1	Auditory Training	<b>Practical Assign. 1 due</b>	5, 16
	6	Speech Reading Training		6
	8	Communication strategies		7
	13	<b>NO CLASS - Fall BREAK</b>		
	15	Communication Fluency		8, 10
	20	Communication strategies		9, 10
	22	<b>Older adults</b>	<b>Practical Assign. 6 due</b>	12
	27	<b>EXAM 2</b>		
	29	Children with hearing loss		13
Nov	3	Infants and Toddlers		14
	5	Infants and Toddlers	<b>Practical Assgn. 5 due</b>	14
	10	MOCK IEP Meeting		
	12	School Age		15

	17	School Age		15
	19	<b>EXAM 3</b>		
	24	Speech, Lang and Literacy		17
	26	<b>THANKSGIVING BREAK</b>		
Dec	1	<b>Presentations</b>	Presentations	
	3	<b>Presentations</b>	Presentations	
Dec	10 (10 am- 12)	<b>FINAL EXAM</b>	<b>COMPREHENSIVE</b>	EVERYTHING

## Trust God

And they that know thy name will put their trust in thee: for thou, Lord, hast not forsaken them that seek thee. Psalms 9:10

Wait on the Lord: be of good courage and he shall strengthen thine heart: wait, I say, on the Lord. Psalms 27:14

Trust in the Lord with all thine heart and lean not unto thine own understanding. In all they ways acknowledge Him, and he shall direct thy paths. Proverbs 3:5,6

And I say unto you, Ask, and it shall be given unto you; seek, and ye shall find; knock and it shall be opened unto you. For every one that asketh receiveth; and he that seeketh findeth; and to him that knocketh it shall be opened. Luke 11:9,10

Psalm 91

I will say of the Lord, "He is my refuge and my fortress: my God, In Him I will trust."

## Thanksgiving

Let us come before His presence with thanksgiving; Let us shout joyfully to Him with psalms. For the Lord is the great God and the great King above all gods. Psalm 95:2,3

Therefore by Him, let us continually offer the sacrifice of praise to God, that is, the fruit of our lips, giving thanks to His name.

For God so loved the world that He gave His only begotten son that whosoever believeth in Him, should not perish but have everlasting life. John 3:16

For I know the plans I have for you," declares the LORD, "plans to prosper you and not to harm you, plans to give you hope and a future. <sup>12</sup> Then you will call on me and come and pray to me, and I will listen to you. <sup>13</sup> You will seek me and find me when you seek me with all your heart. Jeremiah 29:11-13



## **Creator - God wins!!!!**

Gen 1:1 In the beginning God created the heavens and the earth.

Gen 1:31 Then God saw everything that He had made, and indeed it was very good. So the evening and the morning were the sixth day.

Gen 2:2,3 And on the seventh day God ended His work which He had done, and He rested on the seventh day from all His work which He had done. Then God blessed the seventh day and sanctified it, because in it He rested from all His work which God had created and made.

Exodus 20

Exodus 20:3 You shall have no other gods before me.

Exodus 20: 8-11 Remember the Sabbath day , to keep it holy. Six days you shall labor and do all your work, but the seventh day is the Sabbath of the Lord you God. In it you shall do not work; you, nor your son, nor your daughter, nor your male servant, nor our female servant, nor your cattle, nor your stranger who is within your gates. For in six days the lord made the heavens and the earth, the sea, and all that is in them and rested the seventh day. Therefor the Lord blessed the Sabbath day and hallowed it.

Psalms 139:13,14 For you formed my inward parts; You covered me in my mother's womb. I will praise you, for I am fearfully and wonderfully made; Marvelous are Your works, and that my soul knows very well.

Here is the patience of the saints; here are those who keep the commandments of God and the faith of Jesus.

Rev. 14: 12

Now I saw a new heaven and a new earth, for the first heaven and the first earth had passed away. Also there was no more sea. Rev 21:1

Verse 3 - And I heard a loud voice from heaven, saying, "Behold the tabernacle of God is with men and He will dwell with them, and they shall be His people. God himself will be with them and be their God And God will wipe away every tear from their eyes; there shall be no more death, nor sorrow, nor crying. There shall be no more pain, for the former things have passed away.

Rev 22:14 Blessed are those who do His commandments, and that they may have the right to the tree of life, and may enter through the gates into the city.