

University of Florida  
College of Public Health & Health Professions Syllabus  
SPA 4321 Audiologic Rehabilitation (3 credit hours)  
Fall Semester 2021  
Delivery Format: On-Campus

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**Prerequisite: SPA 4302 or instructor permission**

## **PURPOSE AND OUTCOME**

### **Course Overview**

Audiologic/aural rehabilitation (AR) encompasses knowledge of the auditory system and hearing loss, technology, and therapeutic skills. Practitioners need to be well-versed in these aspects as well as the impact of hearing loss on the individual, family and community.

### **Relation to Program Outcomes**

The content of this course is designed to help you meet the following CCC-A Standard IV: Knowledge and Skills. Content will be learned from assigned readings, lectures, and class discussions. Outcomes will be assessed through class discussions, written examinations and class project.

### **Course Objectives:**

Students will be able to:

- Define audiologic rehabilitation and the primary goals associated with this process.
- Identify the different health care providers who contribute to the coordination and implementation of audiologic rehabilitation.
- List some recent technological advances that have led to improvements in audiologic rehabilitation.
- List and describe the main physical parameters associated with the acoustics of speech.
- Explain the differences between auditory detection, discrimination, identification and comprehension.
- List and explain four anticipatory and repair strategies used in communication.
- Describe how residual hearing contributes to the success in speechreading.
- Describe and distinguish between fingerspelling, sign language and sign systems.
- Describe the link between cued speech and speechreading.
- List three language characteristics of children who are DHH.

- List three speech characteristics of children who are DHH.
- Identify how hearing loss can impact speech development.
- List four basic components found in hearing aids.
- Identify three factors to consider when determining hearing aid candidacy.
- Define assistive listening devices (ALDs).
- List the major components of a typical cochlear implant system.
- Describe the candidacy requirements for a cochlear implant currently being utilized for an adult and a child.
- Explain what “hook-up” and “MAP” refer to regarding a cochlear implant.
- Distinguish between the terms “deaf” and “Deaf”.
- Explain how a child’s self-concept may be adversely affected by hearing loss.
- Define counseling and list the key steps associated with the counseling process.
- List the key components of the Individuals with Disabilities Education Act.
- Describe what an Individualized Education Plan is and how it is developed for a child.
- Describe the influence that classroom acoustics can have on the education of those with hearing loss.
- List five principles of family-centered practice.
- List and describe the management aspects of the audiologic rehabilitation therapist during the school years.
- Describe the possible hearing assistive technology that may be used by school-age children.
- Define presbycusis.
- Explain why nonauditory age-related health conditions (e.g., dementia, falls, vision loss) are relevant to audiologic rehabilitation.
- Explain why family-centered care is important in AR for older adults.

**Instructional Method:** Lectures, readings, and class discussions.

**Required Textbook:** Schow, R.L. & Nerbonne, M.A. (2018). Introduction to Audiologic Rehabilitation. Pearson, New York.

***What is expected of you?***

You are expected to actively engage in the course throughout the semester. You must come to class prepared by completing all out-of-class assignments. This preparation gives you the knowledge or practice needed to engage in higher levels of learning during the live class sessions. If you are not prepared for the face-to-face sessions, you may struggle to keep pace with the activities occurring in the live sessions, and it is unlikely that you will reach the higher learning goals of the course. Similarly, you are expected to actively participate in the live class. Your participation fosters a rich course experience for you and your peers that facilitates overall mastery of the course objectives.

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## Course Content Schedule

<b>Week</b>	<b>Date</b>	<b>Topics</b>	<b>Assignment(s)</b>
1	8/23	Course Overview What is Audiologic Rehabilitation?	Earplug Activity: <b>Due 8/30</b> Pre-test Concepts: <b>Due 8/27 midnight</b>
	8/25	Audiologic Rehabilitation	Read Chapter 1
2	8/30	Review Concepts for AR	
	9/1	Review Concepts for AR	Activity: Hearing Loss Classification
3	9/6	<b>HOLIDAY – Labor Day</b>	
	9/8	Auditory Perception	Read Ch. 4 - pgs. 93-104
4	9/13	Hearing as a foundation for speech & language	Read Ch. 6
	9/15	Hearing as a foundation for speech & language	
5	9/20	Auditory Stimuli in Communication	Read Ch. 4 – pgs.105-123
	9/22	Auditory Stimuli in Communication	
6	9/27	<b>Exam 1</b>	Read Ch. 5

	9/29	Visual Stimuli for Communication	
7	10/4	Hearing Aids	Read Ch. 2
	10/6	Hearing Aids, continued	
8	10/11	Cochlear Implants	Read Ch. 3
	10/13	Cochlear Implants, continued	
9	10/18	Cochlear Implants, continued	
	10/20	AR for Children	Read Ch. 9
10	10/25	AR for Children	
	10/27	AR Services in Schools	Read Ch. 8
11	11/1	<b>Exam 2</b>	
	11/3	Auditory Processing Disorders	
12	11/8	APD, continued	
	11/10	Assistive Technology for Children	
13	11/15	AR for Adults	Read Ch. 10

	11/17	AR for Adults	Read Ch. 7
14	11/22	Tinnitus Assessment & Management	
	11/24	<b>HOLIDAY - Thanksgiving</b>	
15	11/29	Tinnitus Assessment & Management	
	12/1	Vestibular Assessment & Management	
16	12/6	Vestibular Assessment & Management	
	12/8	TBD	
	12/16	<b>Exam 3 ** 12:30-2:30 pm **</b>	

\*\* Syllabus may be modified during the semester.

### Course Assignments

#### 1. Pre-Test

Students will complete a pre-test of concepts learned in previous audiology course. This test will not contribute to the student's final grade in this course.

#### 2. Assessments

Students will complete three assessments covering approximately one-third of the course. Assessments will consist of multiple choice and short answer questions.

#### 3. Activities

Students will complete assigned activities.

#### 4. Project

Students will complete a project in which they apply the concepts learned in this course.

## Course Grade

Final grade will be determined as follows:

- Assessment: 20% each (Total = 60%)
- Activities: 20%
- Project: 20%

## Grading

% of pts	93-100	90-92	87-89	83-86	80-82	77-79	70-76	67-69	63-66	60-62	Below 60
Letter grade	A	A-	B+	B	B-	C+	C	D+	D	D-	E

More information on UF grading policy may be found at:

<https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/>

For technical support for this class, please contact the UF Help Desk at:

- [helpdesk@ufl.edu](mailto:helpdesk@ufl.edu)
- (352) 392-HELP - select option 2
- <https://helpdesk.ufl.edu/>

## Additional Academic Resources

[Career Connections Center](#): Reitz Union Suite 1300, 352-392-1601. Career assistance and counseling services.

[Library Support](#): Various ways to receive assistance with respect to using the libraries or finding resources.

[Teaching Center](#): Broward Hall, 352-392-2010 or to make an appointment 352- 392-6420. General study skills and tutoring.

[Writing Studio](#): 2215 Turlington Hall, 352-846-1138. Help brainstorming, formatting, and writing papers.

Student Complaints On-Campus: [Visit the Student Honor Code and Student Conduct Code webpage for more information.](#)

On-Line Students Complaints: [View the Distance Learning Student Complaint Process.](#)

**ZOOM Etiquette (Should you be in a virtual classroom.)**

- **Keep video ON and microphone OFF.**
- **Sit at a table, not propped in bed.**
- **Eat before class.**
- **Limit visual interruptions (e.g., pets)**

**Expectations Regarding Course Behavior and Communication Guidelines**

You are expected to attend class and participate. Each class member has a different perspective and sharing provides a more meaningful exchange of ideas and interest. As a professional you will often be required to voice your opinion and perspective. Be respectful to the ideas of peers or the instructor if they differ from your own beliefs or experiences.

You may use your laptop or tablet for class notes and class participation. Reviewing your e-mail, on-line shopping, completing other assignments or any other non-class related activity is disrespectful and distracting and you will be asked to remove yourself from class. Use of phones during class is unacceptable there will be ample breaks in class to attend to your personal calls or texts. If there is an impending emergency or pressing issue please discuss with me prior to the beginning of class.

**Academic Integrity**

Students are expected to act in accordance with the University of Florida policy on academic integrity. As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge:

**“We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.”**

You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied:

**“On my honor, I have neither given nor received unauthorized aid in doing this assignment.”**

It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For additional information regarding Academic Integrity, please see Student Conduct and Honor Code or the Graduate Student Website for additional details:

<https://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/>

Please remember cheating, lying, misrepresentation, or plagiarism in any form is unacceptable

and inexcusable behavior.

### **Online Faculty Course Evaluation Process**

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/>.

## **SUPPORT SERVICES**

### **Accommodations for Students with Disabilities**

If you require classroom accommodation because of a disability, it is strongly recommended you register with the Dean of Students Office <http://www.dso.ufl.edu> within the first week of class or as soon as you believe you might be eligible for accommodations. The Dean of Students Office will provide documentation of accommodations to you, which you must then give to me as the instructor of the course to receive accommodations. Please do this as soon as possible after you receive the letter. Students with disabilities should follow this procedure as early as possible in the semester. The College is committed to providing reasonable accommodations to assist students in their coursework.

### **Counseling and Student Health**

Students sometimes experience stress from academic expectations and/or personal and interpersonal issues that may interfere with their academic performance. If you find yourself facing issues that have the potential to or are already negatively affecting your coursework, you are encouraged to talk with an instructor and/or seek help through University resources available to you.

- The Counseling and Wellness Center 352-392-1575 offers a variety of support services such as psychological assessment and intervention and assistance for math and test anxiety. Visit their web site for more information: <http://www.counseling.ufl.edu>. On line and in person assistance is available.
- You Matter We Care website: <http://www.umatter.ufl.edu/>. If you are feeling overwhelmed or stressed, you can reach out for help through the You Matter WeCare website, which is staffed by Dean of Students and Counseling Center personnel.
- The Student Health Care Center at Shands is a satellite clinic of the main Student Health Care Center located on Fletcher Drive on campus. Student Health at Shands offers a variety of clinical services. The clinic is located on the second floor of the Dental Tower in the Health Science Center. For more information, contact the clinic at 392-0627 or check out the web site at: <https://shcc.ufl.edu/>
- Crisis intervention is always available 24/7 from:  
 Alachua County Crisis Center:  
 (352) 264-6789  
<http://www.alachuacounty.us/DEPTS/CSS/CRISISCENTER/Pages/CrisisCenter.aspx>



- **University Police Department:** [Visit UF Police Department website](#) or call 352-392-1111 (or 9-1-1 for emergencies).
- **UF Health Shands Emergency Room / Trauma Center:** For immediate medical care call 352-733-0111 or go to the emergency room at 1515 SW Archer Road, Gainesville, FL 32608; [Visit the UF Health Emergency Room and Trauma Center website](#).

**Important:** Do not wait until you reach a crisis to talk with someone. Many students have been helped through stressful situations impacting their academic performance. You are not alone so do not be afraid to ask for assistance.

### **Inclusive Learning Environment**

Public health and health professions are based on the belief in human dignity and on respect for the individual. As we share our personal beliefs inside or outside of the classroom, it is always with the understanding that we value and respect diversity of background, experience, and opinion, where every individual feels valued. We believe in, and promote, openness and tolerance of differences in ethnicity and culture, and we respect differing personal, spiritual, religious and political values. We further believe that celebrating such diversity enriches the quality of the educational experiences we provide our students and enhances our own personal and professional relationships. We embrace The University of Florida's Non-Discrimination Policy, which reads, "The University shall actively promote equal opportunity policies and practices conforming to laws against discrimination. The University is committed to non-discrimination with respect to race, creed, color, religion, age, disability, sex, sexual orientation, gender identity and expression, marital status, national origin, political opinions or affiliations, genetic information and veteran status as protected under the Vietnam Era Veterans' Readjustment Assistance Act." If you have questions or concerns about your rights and responsibilities for inclusive learning environment, please see your instructor or refer to the Office of Multicultural & Diversity Affairs website: [www.multicultural.ufl.edu](http://www.multicultural.ufl.edu)

### **Professionalism and COVID**

As students pursuing a path in the health professions or public health, it is crucial to demonstrate professional behaviors that reflect integrity and commitment to the health of patients, fellow health professionals, and to populations we serve. To accomplish this, a strong responsibility for the well-being of others must be evident in our decisions, along with accountability for our actions. Professionalism in the health disciplines requires adherence to high standards of conduct that begin long before graduation. This is particularly true during times of health emergencies such as the COVID pandemic, given our professional habits can have a direct impact upon the health of persons entrusted to us.

If you are not vaccinated, get vaccinated. Vaccines are readily available at no cost and have been demonstrated to be safe and effective against the COVID-19 virus. Visit this link for details on where to get your shot, including options that do not require an appointment: <https://coronavirus.ufhealth.org/vaccinations/vaccine-availability/>. Students who receive the first dose of the vaccine somewhere off-campus and/or outside of Gainesville can still receive their second dose on campus.

In response to COVID-19, the following professional practices are in place to maintain your learning environment, to enhance the safety of our in-classroom interactions, and to protect the health and safety of ourselves, our patients, our neighbors, and our loved ones.

- You are required to wear approved face coverings at all times while in Health Science Center classrooms and within Health Science Center buildings even if you are vaccinated.
- If you are sick, stay home and self-quarantine. Please visit the UF Health Screen, Test & Protect website about next steps, retake the questionnaire and schedule your test for no sooner than 24 hours after your symptoms began. Please call your primary care provider if you are ill and need immediate care or the UF Student Health Care Center at 352-392-1161 (or email [covid@shcc.ufl.edu](mailto:covid@shcc.ufl.edu)) to be evaluated for testing and to receive further instructions about returning to campus. UF Health Screen, Test & Protect offers guidance when you are sick, have been exposed to someone who has tested positive or have tested positive yourself. Visit the UF Health Screen, Test & Protect website for more information.
- Continue to follow healthy habits, including best practices like frequent hand washing.
- Avoid crowded places (including gatherings/parties with more than 10 people)

Sanitizing supplies are available in the classroom if you wish to wipe down your desks prior to sitting down and at the end of the class. Hand sanitizing stations will be located in every classroom.

Course materials will be provided to you with an excused absence, and you will be given a reasonable amount of time to make up work. If you are withheld from campus by the Department of Health through Screen, Test & Protect you are not permitted to use any on campus facilities. Students attempting to attend campus activities when withheld from campus will be referred to the Dean of Students Office.

Continue to regularly visit [coronavirus.UFHealth.org](https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html) and [coronavirus.ufl.edu](https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html) for up-to-date information about COVID-19 and vaccination.

### **COVID-19 Symptoms**

See <https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html> for information about COVID-19 symptoms, which may include fever, cough, shortness of breath or difficulty breathing, fatigue, chills, muscle or body aches, headache, sore throat, congestion or runny nose, nausea or vomiting, diarrhea, and loss of taste or smell.

### **Recording Within the Course:**

Students are allowed to record video or audio of class lectures. However, the purposes for which these recordings may be used are strictly controlled. The only allowable purposes are (1) for personal educational use, (2) in connection with a complaint to the university, or (3) as evidence in, or in preparation for, a criminal or civil proceeding. All other purposes are prohibited. Specifically, students may not publish recorded lectures without the written consent of the instructor.

A “class lecture” is an educational presentation intended to inform or teach enrolled students about a particular subject, including any instructor-led discussions that form part of the presentation, and delivered by any instructor hired or appointed by the University, or by a guest instructor, as part of a University of Florida course. A class lecture does not include lab sessions, student presentations, clinical presentations such as patient history, academic exercises involving solely student participation, assessments (quizzes, tests,

exams), field trips, private conversations between students in the class or between a student and the faculty or lecturer during a class session.

Publication without permission of the instructor is prohibited. To “publish” means to share, transmit, circulate, distribute, or provide access to a recording, regardless of format or medium, to another person (or persons), including but not limited to another student within the same class section. Additionally, a recording, or transcript of a recording, is considered published if it is posted on or uploaded to, in whole or in part, any media platform, including but not limited to social media, book, magazine, newspaper, leaflet, or third party note/tutoring services. A student who publishes a recording without written consent may be subject to a civil cause of action instituted by a person injured by the publication and/or discipline under UF Regulation 4.040 Student Honor Code and Student Conduct Code.

#### **Policy Related to Guests Attending Class:**

Only registered students are permitted to attend class. However, we recognize that students who are caretakers may face occasional unexpected challenges creating attendance barriers. Therefore, by exception, a department chair or his or her designee (e.g., instructors) may grant a student permission to bring a guest(s) for a total of two class sessions per semester. This is two sessions total across all courses. No further extensions will be granted. Please note that guests are **not** permitted to attend either cadaver or wet labs. Students are responsible for course material regardless of attendance. For additional information, please review the Classroom Guests of Students policy in its entirety. Link to full policy: <http://facstaff.phphp.ufl.edu/services/resourceguide/getstarted.htm>