



DEPARTMENT OF AUDIOLOGY AND SPEECH-LANGUAGE PATHOLOGY  
UNIVERSITY OF NORTH TEXAS  
ASLP 3040.001  
INTRODUCTION TO AUDIOLOGY  
SPRING - 2024

PROFESSOR:	Kamakshi V. Gopal, Ph.D., CCC-A.
TEACHING ASSISTANT:	Paola Bautista
CLASS:	Fridays 9:00 AM to 11:50 AM
PLACE:	BLB # 250
OFFICE:	UNT Speech and Hearing Center # 258
OFFICE HRS:	Mondays & Fridays 12:30 AM to 1:30 PM (By appointment)
Office Tel number:	940-369-7432
EMAIL:	Dr. Gopal's email – <a href="mailto:Kamakshi.Gopal@unt.edu">Kamakshi.Gopal@unt.edu</a> Paola Bautista's email - <a href="mailto:PaolaBautista@my.unt.edu">PaolaBautista@my.unt.edu</a>
LECTURE SLIDES:	On CANVAS

Course Objective:

This course is designed to provide undergraduate students with an introduction to the field of audiology. It will provide information on:

- The field of Audiology
- What Audiologists do
- Why would we want to be Audiologists
- Credentials needed to practice Audiology
- Normal and impaired auditory and vestibular systems
- Behavioral test measures used in the evaluation of auditory function
- Physiologic test measures used in the evaluation of auditory function
- Basic audiological management

### Learning Outcomes

At the end of the course, the students should be knowledgeable about:

- The scope of Audiology
- Normal structure and function of the auditory and vestibular systems
- Common etiologies of auditory disorders
- Basic diagnostic procedures in the identification of hearing loss
- Basic management options

### Required Text:

DeBonis, D. A., & Donohue, C. L. (2019). *Survey of Audiology: Fundamentals for Audiologists and Health Professionals* (3<sup>rd</sup> edition). Thorofare NJ: SLACK Incorporated.

### Additional Reading:

Additional readings may be assigned, and students will be expected to know the material for the exams.

### Course Requirement:

Satisfactory completion of all readings and passing of all exams and quizzes. The students will take three exams, five quizzes, ten homework assignments, satisfactorily complete a clinic tour and write a report, and submit the completed audiogram interpretation packet. Clinic tours will be done at pre-scheduled times convenient to the UNT Speech and Hearing Clinic personnel, the teaching assistant, and the students. Reports on the tour should be NO MORE than two pages (double-spaced with 11-point font) and must be submitted by the deadline (Feb 09, 2024). The audiogram interpretation packet will be handed out in the latter half of the semester. Students are to work on it independently and turn in the answers by the deadline (April 19, 2024). Guest lectures will be scheduled based on the availability of speakers during the semester.

### GRADING

<u>Activities</u>	<u>Points</u>
Exam 1	50
Exam 2	50
Exam 3	50
Tour Report	10
Quizzes	10
Homework assignments	10
Audiogram interpretation	20
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TOTAL	200

***There will be 5 pop quizzes throughout the semester. These quizzes will not be announced and there will be no opportunity to make them up if missed, except in emergency cases (proof required). Homework assignments will be distributed throughout the course to help students keep up with the readings. The students will have one week from the time of distribution to turn***

*in their homework to earn a grade.*

Final percentages will be computed, and grades will be assigned according to the following criteria:

<u>Percentage</u>	<u>Final Grade</u>
90-100	A
80-89	B
70-79	C
60-69	D
<60	F

All exams are cumulative. No makeup exams will be provided, except in emergency cases (proof required). Failure to be present for a scheduled exam, an unscheduled pop quiz, a pre-scheduled clinic tour, or to turn in assignments and reports by the deadline will result in a failing grade on that activity.

**Course Outline:**

<b>Days</b>	<b>Topics</b>	<b>Readings</b>
01-19	Introduction, syllabus Profession of Audiology <b>Clinic Tour assigned</b>  <b>Homework (HW) 1 Posted</b>	DeBonis chapter 1
01-26	Basic Anatomy & Physiology of the Auditory and Vestibular systems  <b>HW1 Due</b> <b>HW2 Posted</b>	DeBonis chapter 3
02-02	Acoustics Sound Pathways  <b>HW2 Due</b> <b>HW3 Posted</b>	DeBonis chapter 2
02-09	Acoustics and Sound Pathways Review for Exam 1  <b>HW3 Due</b>  <b>---Clinic Tour report due---</b>	DeBonis chapter 2
02-16	<b>Exam 1</b> Nature of hearing loss	DeBonis chapter 2

	The Audiogram	
02-23	Nature of hearing loss Disorders of the auditory system  <b>HW4 Posted</b>	DeBonis chapter 2 DeBonis chapter 7
03-01	Disorders of the auditory system Auditory Processing Disorder  <b>HW 4 Due</b> <b>HW 5 Posted</b>	DeBonis chapter 7 & 10
03-8	Audiological Evaluation Case history and Otoscopy  <b>HW 5 Due</b> <b>HW 6 Posted</b>	DeBonis chapter 4
03-15	<b>SPRING BREAK</b> <b>NO CLASS</b>	
03-22	Behavioral measures Audiometer Pure Tone Audiometry Audiogram Review  <b>HW 6 Due</b> <b>HW 7 Posted</b>	DeBonis chapter 4
03-29	Audiogram Review Review for Exam 2  <b>HW 7 Due</b>	DeBonis chapter 4
04-05	<b>Exam 2</b> Speech Audiometry Multicultural Issues  <b>Audiogram packet distribution</b>	DeBonis chapter 5 DeBonis chapter 9
04-12	Behavioral test measures review Physiological Measures – Immittance testing  <b>HW 8 Posted</b>	DeBonis chapter 4 & 5  DeBonis chapter 6
04-19	Physiologic Measures – Otoacoustic Emissions And Auditory Evoked Potentials  <b>HW 8 Due</b> <b>HW 9 Posted</b>	DeBonis chapter 6

	<b><i>Audiogram packet due---</i></b>	
04-26	Physiologic test measures review Basic Audiologic Management Review for Exam 3  <b>HW 9 Due</b> <b>HW 10 Posted</b>	DeBonis chapter 6 DeBonis chapter 12
05-03	<b>No Class</b> , UNT Reading Day  <b>HW 10 Due</b>	
<b>05-08</b> <b>WEDNESDAY</b>	<b>Exam 3</b> <b>8:00 – 10:00 AM</b>	The location will confirmed later.

### **Respect for ALL**

I am committed to creating a highly positive and inclusive learning environment for ALL students in my classes. I respect your identities and diversity of thoughts. I welcome your unique perspectives which will be viewed as a strength and resource in this class. Please do not hesitate to talk to me if you have any issues in the classroom that are impacting your learning.

### **Academic Dishonesty**

UNT promotes the integrity of learning processed and embraces the core values of trust and honesty. Academic integrity is based on educational principles and procedures that protect the rights of all participants in the educational process and validate the legitimacy of degrees awarded by the university. In the investigation and resolution of allegations of student academic dishonesty, the university's actions are intended to be corrective, educationally sound, fundamentally fair, and based on reliable evidence."

The faculty expects a high level of responsibility and academic honesty. Any form of academic dishonesty will not be tolerated and will result in formal disciplinary action.

### **Use of Artificial Intelligence for Assignments:**

According to the UNT Academic Integrity Policy (UNT Policy 6.003), any form of "unauthorized assistance" constitutes cheating. As a result, the use of any artificial intelligence is not authorized for assignments in this course.

### **Attendance Policy**

Students are expected to attend classes regularly and to abide by the attendance policy established for this class. Any student wanting accommodation to observe a religious holiday must inform the instructor a minimum of three days prior to the observed religious holiday and make appropriate arrangements for the class activities that they will be missing. It is important that you communicate with me prior to being absent, so we can discuss and mitigate the impact of the absence on your attainment of course learning goals. Please inform me if you are unable to attend class meetings because you are ill, in mindfulness of the health and safety of everyone in our community.

### **Access to Information - Eagle Connect**

The students' access point for business and academic services at UNT is located at: [my.unt.edu](http://my.unt.edu). All official communication from the University will be delivered to a student's Eagle Connect account. For more information, please visit the website that explains Eagle Connect and how to forward e-mail Eagle Connect (<https://it.unt.edu/eagleconnect>).

### **Rules of Engagement**

Here are some general guidelines:

- Treat your instructor and classmates with respect in email or any other communication.
- Always use your professors' proper title: Dr. or Prof., or if in doubt use Mr. or Ms.
- Use clear and concise language.
- Do not send confidential information via e-mail.

**UIT Help Desk:** [UIT Student Help Desk site](http://www.unt.edu/helpdesk/index.htm) (<http://www.unt.edu/helpdesk/index.htm>)

**Email:** [helpdesk@unt.edu](mailto:helpdesk@unt.edu)

**Phone:** 940-565-2324

**In Person:** Sage Hall, Room 130

**Walk-In Availability:** 8am-9pm

**Telephone Availability:**

- Sunday: noon-midnight
- Monday-Thursday: 8am-midnight
- Friday: 8am-8pm
- Saturday: 9am-5pm

**Laptop Checkout:** 8am-7pm

For additional support, visit [Canvas Technical Help](https://community.canvaslms.com/docs/DOC-10554-4212710328) (<https://community.canvaslms.com/docs/DOC-10554-4212710328>)

### **Student Support Services**

UNT provides mental health resources to students to help ensure there are numerous outlets to turn to that wholeheartedly care for and are there for students in need, regardless of the nature of an issue or its severity. Listed below are several resources on campus that can support your academic success and mental well-being:

- [Student Health and Wellness Center](https://studentaffairs.unt.edu/student-health-and-wellness-center) (<https://studentaffairs.unt.edu/student-health-and-wellness-center>)
- [Counseling and Testing Services](https://studentaffairs.unt.edu/counseling-and-testing-services) (<https://studentaffairs.unt.edu/counseling-and-testing-services>)
- [UNT Care Team](https://studentaffairs.unt.edu/care) (<https://studentaffairs.unt.edu/care>)
- [UNT Psychiatric Services](https://studentaffairs.unt.edu/student-health-and-wellness-center/services/psychiatry) (<https://studentaffairs.unt.edu/student-health-and-wellness-center/services/psychiatry>)
- [Individual Counseling](https://studentaffairs.unt.edu/counseling-and-testing-services/services/individual-counseling) (<https://studentaffairs.unt.edu/counseling-and-testing-services/services/individual-counseling>)

Other student support services offered by UNT include

- [Registrar](https://registrar.unt.edu/registration) (<https://registrar.unt.edu/registration>)
- [Financial Aid](https://financialaid.unt.edu/) (<https://financialaid.unt.edu/>)
- [Student Legal Services](https://studentaffairs.unt.edu/student-legal-services) (<https://studentaffairs.unt.edu/student-legal-services>)
- [Career Center](https://studentaffairs.unt.edu/career-center) (<https://studentaffairs.unt.edu/career-center>)
- [Multicultural Center](https://edo.unt.edu/multicultural-center) (<https://edo.unt.edu/multicultural-center>)
- [Counseling and Testing Services](https://studentaffairs.unt.edu/counseling-and-testing-services) (<https://studentaffairs.unt.edu/counseling-and-testing-services>)
- [Pride Alliance](https://edo.unt.edu/pridealliance) (<https://edo.unt.edu/pridealliance>)
- [UNT Food Pantry](https://deanofstudents.unt.edu/resources/food-pantry) (<https://deanofstudents.unt.edu/resources/food-pantry>)

Academic Support Services

- [Academic Resource Center](https://clear.unt.edu/canvas/student-resources) (<https://clear.unt.edu/canvas/student-resources>)
- [Academic Success Center](https://success.unt.edu/asc) (<https://success.unt.edu/asc>)
- [UNT Libraries](https://library.unt.edu/) (<https://library.unt.edu/>)
- [Writing Lab](http://writingcenter.unt.edu/) (<http://writingcenter.unt.edu/>)
- [MathLab](https://math.unt.edu/mathlab) (<https://math.unt.edu/mathlab>)

**Acceptable Student Behavior**

Student behavior that interferes with an instructor's ability to conduct a class or other students' opportunity to learn is unacceptable and disruptive and will not be tolerated in any instructional forum at UNT. Students engaging in unacceptable behavior will be directed to leave the classroom and the instructor may refer the student to the Dean of Students to consider whether the student's conduct violated the Code of Student Conduct. The University's expectations for student conduct apply to all instructional forums, including University and electronic classroom, labs, discussion groups, field trips, etc. Visit UNT's Code of Student Conduct (<https://deanofstudents.unt.edu/conduct>) to learn more.

**Office of Disability Accommodation (ODA)**

The University of North Texas makes reasonable academic accommodation for students with disabilities. Students seeking reasonable accommodation must first register with the Office of Disability Accommodation (ODA) to verify their eligibility. If a disability is verified, the ODA will provide you with a reasonable accommodation letter to be delivered to faculty to begin a private discussion regarding your specific needs in a course. You may request reasonable accommodations at any time; however, ODA notices of reasonable accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of reasonable accommodation for every semester and must meet with each faculty member prior to implementation in each class. Students are strongly encouraged to deliver letters of reasonable accommodation during faculty office hours or by appointment. Faculty members have the authority to ask students to discuss such letters during their designated office hours to protect the privacy of the student. For additional information see the Office of Disability Accommodation website at <http://www.unt.edu/oda>. You may also contact them by phone at 940.565.4323.

### **Student Absence Due to Religious Holy Day**

A student may be excused from attending classes or other activities, including examinations, for observance of a religious holy day, including travel for that purpose. A. A student should notify a faculty member of anticipated absence to observe religious holy days as early in the semester as possible. B. An excused student may not be penalized for the absence and must be allowed to complete any examination or an assignment missed during the absence within a reasonable period after the absence. The faculty member may take appropriate action if a student fails to satisfactorily complete an assignment or examination within a reasonable time. C. If a student and faculty member disagree about whether the absence is due to observance of a religious holy day or whether the student has been given reasonable time to complete any missed assignment or examination, they may appeal the decision using the process outlined in UNT Policy 07.016, Student Complaint Policy or UNT Policy 06.040, Grade Appeals.

### **Sexual Harassment**

It is the policy of the University of North Texas that acts of sexual harassment, as defined herein, toward guests of and visitors to the campus or any member of the University community including faculty, staff, students and candidates for positions at the University (regardless of the individual's gender) will not be tolerated. All members of the administration, faculty, staff and students will be subject to disciplinary action for violation of this policy. Members of the public doing business with the University who violate this policy may be subject to sanctions. Full policy available at [https://policy.unt.edu/sites/default/files/16.005\\_SexualHarassment\\_2003.pdf](https://policy.unt.edu/sites/default/files/16.005_SexualHarassment_2003.pdf)

### **Emergency Notification & Procedures**

UNT uses a system called Eagle Alert to quickly notify students with critical information in the event of an emergency (i.e., severe weather, campus closing, and health and public safety emergencies like chemical spills, fires, or violence). In the event of a university closure, please refer to Blackboard for contingency plans for covering course materials.

### **Retention of Student Records**

Student records pertaining to this course are maintained in a secure location by the instructor of record. All records such as exams, answer sheets (with keys), and written papers submitted during the duration of the course are kept for at least one calendar year after course completion. Students have the right to view their individual record; however, information about student's records will not be divulged to other individuals without proper written consent. Students are encouraged to review the Public Information Policy and the Family Educational Rights and Privacy Act (FERPA) laws and the University's policy. See UNT Policy 10.10, Records Management and Retention for additional information.

### **Course Evaluation**

Student Perceptions of Teaching (SPOT) is the student evaluation system for UNT and allows students the ability to confidentially provide constructive feedback to their instructor and department to improve the quality of student experiences in the course. A short survey will be made available to you at the end of the semester, providing you with a chance to comment on



how this class is taught. I am very interested in the feedback I get from students, as I work to continually improve my teaching. I consider the SPOT to be an important part of your participation in this class, so please do not forget to fill out the SPOT.

**Syllabus Policy**

The syllabus is not a contract, it is a guide for students regarding academic success and behavior. The Professor reserves the right to change the contents if required, and students will be notified of the changes.