

Introduction to Audiologic Assessment and Rehabilitation-Lab (SPLH 568)

Fall 2016 Syllabus

Lab Meetings:

Labs: Fridays (*Session 1*: 11:00 – 11:50, *Session 2*: 12:00 – 12:50)
Location: Lab format: DHDC 3084
Lecture format: DHDC 3049

Instructors:

Instructor: Krysta (Beaver) Green, AuD, CCC-A, FAAA; krystagreen@ku.edu
krystagreen@ku.edu; (785) 864-0656
Office Hours: Thursdays, 1:30-3:00pm, 2101A Haworth (inside Schiefelbusch office)
Additional times may be available by appointment.

GTA: Nikki Go, AuD
ngo@kumc.edu; KU #:(785) 864-3834 or KUMC #: (913) 588-5929
Room # 3084 DHDC

In-office hours: Fridays 1:00-3:00pm
Additional times may be available by appointment

Course Description

Introduction to methods for assessing and treating hearing disorders in adults and children, as well as conditions that result in hearing loss. The laboratory portion of this course is meant to supplement lecture material by providing hands-on experience with clinical techniques.

Course Objectives:

Upon successful completion of this course, students will be able to:

- 1.) Complete a case history interview and identify significant concerns.
- 2.) Conduct and demonstrate acquisition of skills for the following audiological assessment techniques with some degree of assistance:
 - Otoscopy
 - Immittance testing
 - Air-conduction (AC) and Bone-conduction (BC) Pure-Tone Audiometry
 - Speech audiometry
- 3.) Write basic reports summarizing and interpreting audiological test results.
- 4.) Identify and understand common intervention techniques utilized to minimize and alleviate the communication difficulties associated with hearing loss including:
 - Hearing Aids
 - Assistive Devices
 - Cochlear Implants
 - Communication Strategies Training

- Auditory Training
- 5.) Understand basic vestibular anatomy and physiology and identify how the vestibular system contributes to postural control as well as differentiate the more common vestibular disorders including the common assessment techniques utilized in clinic.

Lab Attendance/Assignments/Project (105 points, ~15% of Final Course Grade)

Lab sections will provide students with an opportunity to gain hands-on experience with the materials and techniques discussed in lecture. They will also provide students with additional opportunities to discuss and ask questions regarding materials covered in lecture. Attendance and participation at each lab, performance on lab assignments, and lab project is worth a total of 105 points. Each lab session is worth 4 points (2 for attendance and 2 for participation). **Attendance is mandatory.** If a student arrives late they will receive partial credit for that lab attendance. In the event that you are unable to make it to the lab due to illness or other valid reason, please contact the instructor prior to the missed lab at least 1 week in advance if possible. An example of a valid reason is illness that can be documented with a physician's note. An example of an invalid reason is a shift at work or a non-medical appointment.

Full points for participation will be awarded by successful completion of an in-class assignment due at the end of each lab session. Weekly in-class assignments will be given to you throughout the semester. Failure to complete the in-class assignment will result in 0 points for participation. Incomplete assignments will result in the deduction of points. Examples of in-class assignments may include: case history examples, conducting a hearing test and recording results on an audiogram, audiogram interpretation, etc.

Various take-home assignments will be given to you throughout the semester.

Completed take-home assignments must be submitted and uploaded on to the designated 'drop box' on Blackboard by the deadline. Failure to complete the take-home assignments and late submissions will result in 0 points. Incomplete assignments will result in the deduction of corresponding points.

Additionally, each student is required to complete a lab project. The lab project, worth 25 points, must be completed before "Stop Day". See the announcement from the instructor for the details of the lab project, grading rubric, and schedule.

Lab Format:

Most of the labs will be in a "hands-on" format. A few will be in a lecture format. The classroom meeting place will be in DHDC 3084 for hands-on labs and in DHDC 3049 for lecture format labs. Please refer to the course schedule below.

Academic Misconduct:

Students are expected to observe all University guidelines pertaining to academic misconduct. As stated in the University Senate Rules and Regulations (2.6.1):

“Academic misconduct by a student shall include, but not be limited to, disruption of classes; threatening an instructor or fellow student in an academic setting; giving or receiving of unauthorized aid on examinations or in the preparation of notebooks, themes, reports or other assignments; knowingly misrepresenting the source of any academic work; unauthorized changing of grades; unauthorized use of University approvals or forging of signatures; falsification of research results; plagiarizing of another’s work; violation of regulations or ethical codes for treatment of human and animal subjects; or otherwise acting dishonestly in research.” Academic misconduct will not be tolerated and will be dealt with in accordance with all University rules and regulations.

Non-Academic Misconduct:

The scope and content of the material included in this course are defined by the instructor in consultation with the responsible academic unit. While the orderly exchange of ideas, including questions and discussions prompted by lectures, discussion sessions and laboratories, is viewed as a normal part of the educational environment, the instructor has the right to limit the scope and duration of these interactions. Students who engage in disruptive behavior, including persistent refusal to observe boundaries defined by the instructor regarding inappropriate talking, discussions, and questions in the classroom or laboratory may be subject to discipline for non-academic misconduct for disruption of teaching or academic misconduct, as defined in the Code of Student Rights and Responsibilities (CSRR), Article 22, Section C, and the University Senate Rules and Regulations, Section 2.4.6. Article 22 of CSRR also defines potential sanctions for these types of infractions.

Accommodations:

The Student Access Services of the Academic Achievement & Access Center, Rm. 22 Strong Hall, 785-864-4064, coordinates accommodations and services for KU courses. If you have a disability for which you may request accommodation in KU classes and have not contacted them, please do so as soon as possible. Please also notify the instructor in writing (e-mail is acceptable) within one week of receiving this syllabus so that appropriate accommodations for this course can be discussed.

Grading:

You will be graded on attendance, participation, completion of all lab take-home assignments and a lab project (105 points).

Lab ~ 15% of Final Grade for SPLH 568

Lab attendance = 26 points (2pts/lab)	}	Total = 52 points
Lab participation = 26 points (2pts/lab)		
Take-home lab assignments = 28 points		
Lab Project = 25 points		
Total lab points = 105		

Other Important Information:

The computers in DHDC 3049 are for academic use ONLY. Any unauthorized computer usage during lab time (i.e. e-mail, Internet, games, IM, etc.) will result in expulsion from the lab and 0 points for that lab assignment. Labs earning 0 points in this manner will not be dropped from the final grade.

No food or beverages allowed during hands-on labs in DHDC 3084. This policy protects the equipment from spills that could damage or destroy equipment components. Additionally, cell phone use (this includes texting) is NOT permitted during lab sessions.

All course announcements will be done via Blackboard. **Make sure to check Blackboard and emails regularly!**

Lab Schedule: (Graduate students are required to attend sessions that are highlighted in yellow for their independent study but are welcome to join other lab sessions.)

Date	Location	Topic
Lab 1: 8/26	Room 3049	Introductions, Syllabus, Brief Review of Acoustics Tuning Fork Demonstration
Lab 2: 9/22	Room 3084	Case History, Otoscopy, Tuning Fork Tests
Lab 3: 9/9	Room 3084	Pure Tone Audiometry I - Air conduction & Audiogram
Lab 4: 9/16	Room 3084	Pure Tone Audiometry II - Bone conduction & Masking
Lab 5: 9/23	Room 3084	Speech Audiometry (SAT, SDT, Word Recognition)
Lab 6: 9/30	Room 3084	Tympanometry & Acoustic Reflexes
Lab 7: 10/7	Room 3049	Interpreting Audiometric Results & Basic Report Writing (Putting it all together)
Lab 8: 10/14	Schiefelbusch Clinic (Haworth Bldg.)	OAE & ABR
Lab 9: 10/21	Room 3049	Speech Acoustics & Hearing Loss Simulation
Lab 10: 10/28	Room 3049	Vestibular Pathology and Treatment Overview
Lab 11: 11/4	Room 3049	Hearing Aids, Cochlear Implants, Assistive Listening Devices & Tinnitus
Lab 12: 11/11	Room 3049	Aural Rehabilitation for Adults
FRIDAY 11/18		NO LAB - FREE DAY
FRIDAY 11/25		NO LAB - THANKSGIVING BREAK
Lab 13: 12/2	Room 3049	Aural Rehab for Young Children
FRIDAY 12/9		STOP DAY
FRIDAY 12/16		FINALS WEEK

*NOTE: Room numbers are subject to change. In the event that we must relocate, you will be contacted via Blackboard with new room location.