SLHS 483/583L Principles of Audiology Lab
SLHS 201 & 203, Wednesdays & Thursdays, Times listed below

Description of Course
The laboratory exercises are designed to give students hands on experience with audiological test protocols and reinforce clinical concepts discussed in classroom lectures.

Course Prerequisites or Co-requisites
Students must have successfully completed the following courses to enroll in SLHS 483/583L:
SLHS 2xx; Acoustics
SLHS 380; Hearing Science

Instructor and Contact Information
David S. Velenovsky, Ph.D., CCC-A
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Office hours: by appointment

Teaching assistants
Sarah MacKenzie  
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Course Format and Teaching Methods
The lab is activity based with some instructional lecturing. Students are encouraged to participate in lab discussions. All students will participate in hands on learning experiences. Discussions regarding presented material facilitate learning and conversations are more interesting than "straight lecturing". Power-point presentations that are used in the lab will be made available on D2L (http://www.d2l.arizona.edu/). Notification: if the instructor believes necessary, students will be warned that some course content may be deemed offensive by some students.

Course Objectives and Expected Learning Outcomes
We hope you enjoy the lab sessions. The laboratory exercises are designed to give students hands on experience with audiological test protocols and reinforce clinical concepts discussed in classroom lectures. Upon completion of the labs, students will be able to:

1. Describe the anatomy and physiology of the human auditory system;
2. Use an otoscope and report normal external ear and tympanic membrane anatomical findings;
3. List the primary etiologies of hearing loss in children and adults;
4. Explain the general principles of audiologic evaluation;
5. Interpret the pure-tone audiogram;
6. Perform a pure-tone threshold test on a normally-hearing adult and report the findings;
7. Integrate acoustic admittance and speech audiometry results with the pure-tone audiogram;
8. Perform and interpret basic ABR and otoacoustic emission test results
9. List the principle components of hearing technologies (hearing aids, cochlear implants, implantable bone conduction devices and assistive listening devices) and define their function;
10. Recognize case histories in which a hearing technology may be recommended;
11. Recognize case histories in which audiologic rehabilitation may be recommended.
12. Have a basic understanding of auditory processing and what tests are typically performed
during an APD evaluation.
13. Understand the principles behind a vestibular evaluation and perform basic vestibular tests.

Absence and Class Participation Policy
Students are required to attend all labs. All holidays or special events observed by organized
religions will be honored for those students who show affiliation with that particular religion. Absences pre-approved by the UA Dean of Students (or Dean designee) will be honored.

You are to attend the lab you registered for. If you need to attend a different lab section during a
week, prior to your usual lab time, you must alert both your TA and the TA responsible for the
section you wish to attend. You must return to your original lab the following week. If you anticipate
missing a lab because of a medical procedure, legal issue, jury duty, etc., notify both TAs prior to
the event so that you can arrange to make up the missed quiz and learning exercise. We understand
that people get sick. If you miss a lab, please notify your TA on the day that you miss. If you are ill and cannot notify your TA on the day of the lab, you must contact them within 48
hours of the missed lab so that you can arrange to make up the missed quiz and learning exercise. Failure to do so will result in no credit for the missed quiz. Upon returning to take the quiz and
perform the exercise, you must bring a doctor’s excuse for the day(s) that you miss.

The UA’s policy concerning Class Attendance, Participation, and Administrative Drops is available
at http://catalog.arizona.edu/2015-16/policies/classatten.htm

The UA policy regarding absences for any sincerely held religious belief, observance or practice will
be accommodated where reasonable: http://policy.arizona.edu/human-resources/religious-
accommodation-policy.

Absences preapproved by the UA Dean of Students (or dean’s designee) will be honored. See
http://uhap.web.arizona.edu/policy/appointed-personnel/7.04.02

Required Texts or Readings
There is no textbook for the class. However laboratory exercises will be posted on D2L. Students are
responsible for reading the lab handout on D2L, printing it out and bringing it to their lab session.

Assignments and Examinations: Schedule/Due Dates

Both 483 and 583L will be graded in the same way. There will be 10 short quizzes during the
semester (5 points each), given at the beginning of each lab. There will be no quiz during the first
lab, but a quiz covering lab 1 will be given at the beginning of lab 2 and so on. There will also be
learning exercises (5 points each) that will be turned in at the end of each lab. Therefore, with lab
quiz and learning exercise points combined, there are a total of 100 points for the semester. Lab
attendance is required to receive points for quizzes and learning exercises.

Grades will be based upon percentage of the cumulative score (i.e., 90-100% = A; 80-89% = B,
etc). Final grades will not be rounded up, ergo an 89.9% will be reported as a B.

Final Examination or Project
There is no final examination for 483/583L

Requests for incomplete (I) or withdrawal (W) must be made in accordance with University
policies, which are available at http://catalog.arizona.edu/2015-16/policies/grade.htm#I and
http://catalog.arizona.edu/2015-16/policies/grade.htm#W, respectively.

Dispute of Grade Policy
Students have 7 days from the posting of quiz and learning exercise scores on D2L to
dispute a grade.
**Classroom Behavior Policy**

Laptops/iPads/tablets may be used to access class notes on D2L and to take notes during lab. Casual internet browsing/emailing is discouraged as it distracts those around you. Sending or reading texts on smartphones during lab is discouraged - frankly, it's rude. If you are expecting an important call/text, set your phone on vibrate and step out of the lab to receive/reply. Please refrain from carrying on conversations during lab exercises. It’s distracting and disrespectful to other students and your TA.

Students are to refrain from disruptive conversations with people sitting around them during labs. Students observed engaging in disruptive activity will be asked to cease this behavior. Those who continue to disrupt the class will be asked to leave and may be reported to the Dean of Students.

**Scheduled Topics/Activities**

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<td>1. Otoscopy</td>
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<td>2. Puretone Testing</td>
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Threatening Behavior Policy
The UA Threatening Behavior by Students Policy prohibits threats of physical harm to any member of the University community, including to oneself. See http://policy.arizona.edu/education-and-student-affairs/threatening-behavior-students.

Accessibility and Accommodations
Our goal in this classroom is that learning experiences be as accessible as possible. If you anticipate or experience physical or academic barriers based on disability, please let me know immediately so that we can discuss options. You are also welcome to contact the Disability Resource Center (520-621-3268) to establish reasonable accommodations. For additional information on the Disability Resource Center and reasonable accommodations, please visit http://drc.arizona.edu.

If you have reasonable accommodations, please plan to meet with me by appointment or during office hours to discuss accommodations and how my course requirements and activities may impact your ability to fully participate.

Please be aware that the accessible table and chairs in this room should remain available for students who find that standard classroom seating is not usable.

Code of Academic Integrity
Students are encouraged to share intellectual views and discuss freely the principles and applications of course materials. However, graded work/exercises must be the product of independent effort unless otherwise instructed. Students are expected to adhere to the UA Code of Academic Integrity as described in the UA General Catalog. See http://deanofstudents.arizona.edu/academic-integrity/students/academic-integrity.

The University Libraries have some excellent tips for avoiding plagiarism, available at http://www.library.arizona.edu/help/tutorials/plagiarism/index.html.

Selling class notes and/or other course materials to other students or to a third party for resale is not permitted under ANY circumstances. Violations to this and other course rules are subject to the Code of Academic Integrity and may result in course sanctions. Additionally, students who use D2L or UA e-mail to sell or buy these copyrighted materials are subject to Code of Conduct Violations for misuse of student e-mail addresses. This conduct may also constitute copyright infringement.

UA Nondiscrimination and Anti-harassment Policy
The University is committed to creating and maintaining an environment free of discrimination; see http://policy.arizona.edu/human-resources/nondiscrimination-and-anti-harassment-policy
Our classroom is a place where everyone is encouraged to express well-formed opinions and their reasons for those opinions. We also want to create a tolerant and open environment where such opinions can be expressed without resorting to bullying or discrimination of others.

Additional Resources for Students
UA Academic policies and procedures are available at http://catalog.arizona.edu/2015-16/policies/aaindex.html
Student Assistance and Advocacy information is available at http://deanofstudents.arizona.edu/student-assistance/students/student-assistance

Confidentiality of Student Records
http://www.registrar.arizona.edu/ferpa/default.htm

Subject to Change Statement
Information contained in the course syllabus, other than the grade and absence policy, may be subject to change with advance notice, as deemed appropriate by the instructor.