Laboratory in Advanced Audiologic Evaluation

589L (1 credit) Fall, 2015

Day/Time: Monday 1-3:30 pm Location: Room 107
Instructor: Stephanie Adamovich Ph.D., CCC-A
Office: 405E; phone: 621-0380; Email: sladamovich@email.arizona.edu;
Office Hours: Email for appointment, but if my door is open, you can come in

Course Objectives: The purpose of this laboratory is to develop skills coincident with the knowledge areas presented in SLHS 589R, Advanced Audiologic Evaluation. Each skill will be evaluated by performance on laboratory assignments. The final practicum examination will probe selected skill areas. Mastery of the specific skills listed in this syllabus is expected at the 90% level. Remedial activities will be provided until skill level is at this level of performance as evaluated by completion of laboratory activities and the final practicum examination. See "Learner Outcomes" below.

Learning Outcomes: Upon completion of this lab experience, students will be able to:
1. Perform a listening check to determine correct operation and set up of audiometer and components.
2. Know how to access audiometric software and understand the functions of all buttons and controls on the audiometers used in the clinic (i.e., if asked, “What does THAT do?”, you should be able to answer the question)
3. Demonstrate ability to safely perform otoscopy and video-otoscopy
4. Demonstrate correct procedure for inserting/placing various transducers (inserts, headphones, bone)
5. Demonstrate ability to instruct the patient for pure-tone air conduction, bone conduction and speech audiometry, masked and unmasked.
6. Arrange settings for performing pure-tone air-conduction and bone-conduction testing.
7. Arrange settings for masking during pure-tone and speech audiometry.
8. Arrange settings for speech audiometry using both monitored live voice and recorded materials.
9. Arrange settings to send signals through the loudspeaker.
10. Use the modified Hughson-Westlake procedure to obtain valid pure-tone air-conduction and bone-conduction thresholds.
11. Obtain a valid speech recognition threshold using recorded and monitored-live voice material.
12. Perform a test of word-recognition ability and justify choice of presentation levels and materials
13. Demonstrate ability to obtain case history
14. Demonstrate ability to record test results correctly (i.e., know all of the symbols) on an audiological test record.
15. Demonstrate ability to counsel patient regarding test results

These learner outcomes are in accordance with ASHA Knowledge and Skill areas: A9, A10, A13, A14, A21, A22, A24, A25, C2, C3, C4, C5, C7, C9, C10. see http://www.asha.org/Certification/2012-Audiology-Certification-Standards/#Standard IV for description of specific standards.

Grading:
Grades will be based upon performance on laboratory assignments and on the final practicum examination. Outcomes will be assessed through grading of laboratory assignments and direct assessment of skills.
Grades will be based upon a percentage of the total points, i.e., 90-100% = A; 80-89% = B; 70-79% = C, etc.)
There will be 10 labs that require a written lab report and one practical proficiency exam
Pre-assessment/Syllabus Quiz = 20 points
40 points/lab assignment x 10 labs = 400 points
10 points/ homework/in class assignment (x3) = 30
Laboratory Practicum = 100 points
Total: 550 points

Re-grading of lab assignments may be allowed on an individual basis for first 2 labs only. Pre-approval must be obtained first and assignments for re-grading must be submitted in HARDCOPY within 3 days after lab initially graded.
Final Exam: There is no final exam for this Lab during the official final exam period. There will be an individual and pre-scheduled final practical skills evaluation during the last one to two weeks of class.
No textbook is required for this course. Notes specific to each laboratory exercise will be posted on the class D2L website.

D2L: This lab will be using D2L on a regular basis. All lab instructions, worksheets, rubrics, and other assignments are posted on D2L. In addition, announcements pertaining to the class will be posted on D2L. If you have difficulty accessing the D2L site, please contact IT Services for students.

Policies:
1. Attendance: This is a graduate career preparation course, and class attendance and participation are expected. As a professional responsibility, you must notify Dr. Adamovich if you are unable to attend class. All assignments must be turned in by the due dates listed. For each day past the due date, one point will be deducted from your score. If you miss class material, then it is your responsibility to obtain the information from your classmates.
   - 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’s designee) will be honored
2. Academic Integrity: Students are expected to adhere to the UA Code of Academic Integrity as described in the UA General Catalog. See: http://deanofstudents.arizona.edu/codeofacademicintegrity/.
3. Accessibility and Accommodations: It is the University’s goal 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 Disability Resources (520-621-3268) to establish reasonable accommodations.
4. Behavior: The University seeks to promote a safe environment where students and employees may participate in the educational process without compromising their health, safety or welfare. The Arizona Board of Regents’ Student Code of Conduct, ABOR Policy 5-308, prohibits threats of physical harm to any member of the University community, including to one’s self. Threatening behavior can harm and disrupt the University, its community and its families. See: http://policy.web.arizona.edu/threatening-behavior-students
5. Student Records are Confidential. See: http://www.registrar.arizona.edu/ferpa/default.htm

Laboratory Schedule: Labs are due within 1 week after lab session. All assignments must be turned in on D2L by the due dates listed. For each day past the due date, 10% of the points (4 points) will be deducted from your score.

<table>
<thead>
<tr>
<th>Date</th>
<th>Lab #</th>
<th>Topic</th>
<th>Submit on D2L by due date</th>
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<tbody>
<tr>
<td>24-Aug</td>
<td>Lab 1</td>
<td>Intro to Lab/Case History</td>
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<tr>
<td>31-Aug</td>
<td>Lab 2</td>
<td>Biologic check of audiometers (in class assignment)</td>
<td>8-Sep</td>
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<td>7-Sep</td>
<td>Labor day</td>
<td>No Class (online assignment)</td>
<td>15-Sep</td>
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<td>14-Sep</td>
<td>Lab 3</td>
<td>Otoscopy</td>
<td>22-Sep</td>
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<td>21-Sep</td>
<td>Lab 4</td>
<td>Pure tone Air</td>
<td>29-Sep</td>
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<td>28-Sep</td>
<td>Lab 5</td>
<td>Pure tone Bone</td>
<td>6-Oct</td>
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<td>5-Oct</td>
<td>Lab 7</td>
<td>Masking</td>
<td>13-Oct</td>
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<td>12-Oct</td>
<td>Lab 8</td>
<td>SRT</td>
<td>20-Oct</td>
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<td>19-Oct</td>
<td>Lab 9</td>
<td>Word Recognition testing</td>
<td>27-Oct</td>
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<td>26-Oct</td>
<td>Lab 10</td>
<td>Other tests of speech perception</td>
<td>3-Nov</td>
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<td>2-Nov</td>
<td>Lab 11</td>
<td>Tympanometry</td>
<td>10-Nov</td>
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<td>9-Nov</td>
<td>Lab 12</td>
<td>Middle Ear muscle Reflexes</td>
<td>17-Nov</td>
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<td>16-Nov</td>
<td>Lab 13</td>
<td>Counseling on the Audiogram (in class assignment)</td>
<td>24-Nov</td>
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<td>23-Nov</td>
<td>Lab 14</td>
<td>Review for Practical/Special topics</td>
<td>1-Dec</td>
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<td>30-Nov</td>
<td>Lab 15</td>
<td>Practical Exams</td>
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<td>7-Dec</td>
<td>Lab 16</td>
<td>Practical Exams</td>
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The information contained in the course syllabus, other than the grade and absence policies, may be subject to change with reasonable advance notice, as deemed appropriate by the instructor.