Instructor: James Dean, AuD, Office: Room 523; phone: 520-626-0111; email: jdean1@email.arizona.edu; Office Hours: TBA or by appointment
Guest Lecturer: Linda Norrix, Ph.D., Office: Room 405D; phone: 520-621-4720; email: norrix@email.arizona.edu. Office hours: TBA or by appointment
Guest Lecturer: Barbara Cone, Ph.D., Office: Room 521; email: conewess@email.arizona.edu. Office hours: TBA or by appointment

Course Overview: This one (1) credit seminar will provide introduction to knowledge and skills required to perform and interpret comprehensive audiologic assessments of infants, toddlers and children.

The class will focus on knowledge and skills necessary to provide pediatric clinical services as a whole and to facilitate the integration of materials needed to interpret the test battery. Information will be presented through lecture, lab experience, assigned readings, video-tape, and web-based materials. Additional clinical information will be provided through writing assignments designed to develop critical thinking skills through the analysis and synthesis of class material.

Course Objectives:

After this course, students will be able to:

- Obtain a pediatric case history appropriately and independently
- Understand functional assessments for assessing hearing in infants and children.
- Recognize signs of developmental disabilities in infants and children with an emphasis on speech and language.
- Know when to refer child and family for appropriate developmental assessments.
- Be able to explain the medical home model.
- Demonstrate ability to instruct parent and or child for VRA and CPA and conventional hand-raising testing.
- Understand and perform the role of the test assistant and tester during VRA and CPA.
- Be knowledgeable regarding child behavior management techniques.
- Able to perform and interpret results of tympanometry and OAEs in infants and children.
- Review and discuss audiometric test results with a patient’s family and comment on the expected impact on communication ability.
- Able to generate recommendations and referrals based on audiometric test outcomes.
- To be competent in the interpretation of the test battery results using cross-check principles.
- Able to choose, administer, and score developmentally-appropriate speech audiometry tests.
- Write chart notes and reports that accurately reflect the case history, test results, impressions and recommendations.

Required Text Book:

There will be no required text. Instructors will provide appropriate instructional materials that will be made available through D2L.
**Course Topics:** Tentative schedule. This syllabus is subject to change if needed.

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<th>Weeks</th>
<th>Topic</th>
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<tr>
<td>1 01/14</td>
<td>Course Intro &amp; Expanding Role Audiologist JD</td>
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<td>2 01/21</td>
<td>Daly Challenges Reducing Equivocalty in Assessment Child Behavior and Physical Characteristics JD</td>
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<td>3 01/28</td>
<td>Child Development/Communication (Guest speaker Dr. M. Alt, CCC-SLP)</td>
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<td>4 02/04</td>
<td>The Acoustic Experience. Aud. Tool Kit, Test Battery,</td>
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<td>5 02/11</td>
<td>Physiologic Tests OAE, Tymps, ARs</td>
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<td>6 02/18</td>
<td>Guest Lecture MS Jessica Salyers, MS, OTR/L Occupational Therapists. Sensory management and referrals,</td>
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<td>7 02/25</td>
<td>Transitioning from physiological to behavioral Assessment JD LN BOA &amp;VRA</td>
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<td>8 03/04</td>
<td>Conditioned Play Audiometry and Speech Testing JD LN</td>
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<tr>
<td>9 03/11</td>
<td>Behavior Management Techniques JD</td>
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<td>10 03/18</td>
<td>No Class</td>
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<td>11 03/25</td>
<td>Clinical applications. ABRs in infants LN</td>
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<td>12 04/01</td>
<td>Pediatric Cases LN</td>
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<td>13 04/08</td>
<td>Sharing test results with caregivers in a culturally sensitive manner JD</td>
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<td>Report writing</td>
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<td>15. 04/22</td>
<td>Importance of Cross-Check Principles</td>
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<td>16. 04/29</td>
<td>Cases</td>
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<td>17. 05/06</td>
<td>Cases</td>
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**Class Requirements:**

**Attendance Policy:** This is a graduate career preparation course, and class attendance and participation are expected and will be monitored. As a professional responsibility, please notify Dr. Dean if you are unable to attend class. Students will be required to review and critique videos demonstrating pediatric audiologic test procedures.

**Grading Policy:** Knowledge will be assessed through grading of quizzes. Final grades will be based on a total possible of 50 points.

- 5 Assignments each worth 10 points (50 points)

Points earned divided by total possible (50 pts.) will determine final grade.

- A= 90-100%
- B=80-89.9%
- C=70-79.9%
- Etc.
POLICIES

1. Students who need special accommodation or services should contact the Disability Resources Center, 1224 East Lowell Street, Tucson, AZ 85721, (520) 621-3268, FAX (520) 621-9423, email: uadrc@email.arizona.edu, http://drc.arizona.edu/. You must register and request that the Center or DRC send us official notification of your accommodations needs as soon as possible. Please plan to meet with us by appointment to discuss accommodations and how our course requirements and activities may impact your ability to fully participate. The need for accommodations must be documented by the appropriate office.

2. 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/codeofacademicintegrity/.

3. It is expected that cell phone and pagers be tuned off during class.

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

6. Student Records are Confidential. See:

http://www.registrar.arizona.edu/ferpa/default.htm

ASHA Standards Covered in This Class (Re: 2012 Standards)

C2. Assessing individuals with suspected disorders of hearing, communication, balance, and related systems

C3. Evaluating information from appropriate sources and obtaining a case history to facilitate assessment planning

C5. Conducting and interpreting behavioral and/or electrophysiologic methods to assess hearing thresholds and auditory neural function

C7. Conducting and interpreting otoacoustic emissions and acoustic immitance (reflexes)

C9. Evaluating functional use of hearing
C10. Preparing a report, including interpreting data, summarizing findings, generating recommendations, and developing an audiologic treatment/management plan