College of Health and Human Services
Hearing Sciences: Speech-Language Sciences Technology
SST 456: Survey of Audiology
3 credit hours
Spring, 2013

Instructor: Wende Yellin, Ph.D.
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Dates: January 14 – March 8
Time: Tuesday-Thursday: 2:20 PM–4:50 PM
Room: Room 320
Office Hours: Tuesday and Thursday, 12:30 PM -1:30 PM or by appointment.

Course prerequisites
SST 376: Hearing Science, or its equivalent.

Course description
Introduction to basic audiological procedures used in the clinical assessment of hearing and the rehabilitation of hearing loss.

Learner (Course) Objectives
You will be able to:
1. describe procedures involved in performing a basic audiological evaluation. (Standard IV-A)
2. interpret the results of a basic audiological evaluation. (Standard IV-A)
3. describe procedures incorporated when performing hearing tests on pediatric patients. (Standard IV-A)
4. describe the relationship between pathologies of the auditory system and hearing loss. (Standard III-C)
5. describe listening devices available to the hearing impaired and when these devices may be used. (Standard III-D)
6. describe communication procedures incorporated in an aural (re)habilitation program for the hearing impaired. (Standard III-D)

Standard III-C
The applicant must demonstrate knowledge of the nature of speech, language, hearing, and communication disorders and differences and swallowing disorders, including the etiologies, characteristic, anatomic/physiological, acoustic, psychological, developmental, and linguistic and cultural correlates.
Knowledge will be conveyed through class lecture, demonstration, and readings. Acquisition will be demonstrated through class discussion, assignments, labs, and tests.

Standard III-D
The applicant must possess knowledge of the principles and methods of prevention, assessment, and intervention for people with communication and swallowing disorders, including consideration of anatomical/physiological, psychological, developmental, and linguistic and cultural correlate of the disorders.
Knowledge will be conveyed through class lecture, demonstration, and readings. Acquisition will be demonstrated through class discussion, assignments, labs, and tests.

Standard IV-A
The applicant must complete a curriculum of academic and clinical education that follows an appropriate sequence of learning sufficient to achieve the skills outcomes in Standard IV-G.
Knowledge will be conveyed through class lecture, demonstration, and readings. Knowledge acquisition will be demonstrated through class discussion, assignments, labs, and tests.

**Outcome Measures**
1. Achieving 60% or better on tests of clinical knowledge.
2. Achieving 60% or better on class assignments of clinical knowledge.
3. Satisfactory completion of clinical labs under the professor’s supervision.

**Course Structure/approach**
The course will generally involve lecture followed by labs applying lecture materials.

**Weather Policy**
On snowy/icy days, you may wonder if we will be having class. NAU may delay or cancel classes, and will notify you through the media, e-mail, the NAU home page, or NAU NOW (523-0007). If NAU does not cancel classes and you are wondering specifically if we will have class, check Blackboard Learn. If I cancel class, an Announcement will be posted. Please keep in mind that if you do not feel safe driving to class, it is your responsibility to e-mail me and we will discuss making up work.

**Text**

**Readings**
You will be responsible for readings in the text and outside readings assigned in class.

**Lectures**
All course information will be introduced in lecture format using Power Point presentations. Study questions will be provided for each topic. You are not required to download the slides and study questions, but they are available through Blackboard Learn.

**Assignments**
Assignments will be made throughout the semester to evaluate your knowledge of information covered in class. The format of these assignments will be multiple choice, matching, short answer, and/or essay. Some assignments will be distributed through class; some assignments will be on Blackboard Learn.

**Labs**
Labs will be conducted following certain lectures to familiarize you with audiological concepts and procedures. Labs provide you with hands-on experiences. All labs are due at the end of class on the day the labs are carried out.

**Projects**
You will be required to complete one class project. This project will introduce you to pure tone testing using an audiometer simulator. Details will be provided following the Pure Tone Module.

**Examinations and Final Examination**
Exams will cover all material presented up to the time of the exam, emphasizing material covered within the specified time frame. The Final Examination will cover all material presented during the semester, but will emphasize material covered after Exam #3. Tests will be open book and open notes. Format will be multiple choice, matching, fill-in-the-blank, and short answer. It is understood that each student will do his/her own work. See the NAU Code of Academic Integrity.
You must take all tests and the Final Examination. If any test is missed and not made-up, you automatically fail the course.

**Course Evaluation**

At the end of the semester, you will be asked to complete an on-line course evaluation. By completing the course evaluation, you will have 5 points added to one of your test grades. Please complete the evaluation, and submit the last page (which says “thank you” for completing the evaluation, and lists your name). To receive credit, this page must be received by **Friday, March 8th at 12:00 PM**

**Evaluation methods and deadlines**

Grades will be based on the average of:

- Labs/Assignments/Class Participation: 20%
- Test 1: 20%
- Test 2: 20%
- Test 3: 20%
- Final Exam: 20%

Letter grades will be assigned as follows:

- A 90-100%
- B 80-89%
- C 70-79%
- D 60-69%
- F Below 60%

**Course Policies**

**Attendance**

This course will be completed in eight (8) weeks, so each class is equivalent to a week of classes. You are expected to attend every class, and attendance will be taken throughout this shortened semester. If you are in class when attendance is taken, you will earn 100% for class participation on that date; if you are not in class when attendance is taken, you will receive a zero (0) for class participation on that date; if you are late to class, you will receive no points, i.e. no 100%, but no zero (0).

**Personal illness**

While class attendance is required per the above stated policy, please be cautious about attending class if you are feeling ill. Please inform me by phone or e-mail if you are ill. If you are experiencing flu-like symptoms, you should not attend class. Please take precautions not to infect others, and seek medical attention if your symptoms worsen.

**Tardiness**

Tardiness is disruptive to classroom education and will not be tolerated. The classroom door will be closed 5 minutes after class begins. Students are not to enter the classroom once the door is closed.

**Leaving Class Early**

This class is being held in a condensed version, so each class is 2½ hours. Attendance may be taken at the end of class. If you are in class when attendance is taken, you will earn 100% for class participation on that date; if you are not in class at the end of class time, you will receive a zero (0) for class participation on that date.

**Assignments**

Assignments will be distributed either in class or on Blackboard Learn. A due date will be given for each class assignment. Any work turned in late will automatically have 15 points deducted from the grade. If an assignment has not been turned in by the time it is returned to the class, the grade will automatically be zero (0), and you will not be able to make up the assignment.
**Labs**
All labs will be due at the end of class on the day the lab is performed. Any lab turned in late will automatically have 15 points deducted from the grade. If you miss a lab, one make-up date will be arranged that is convenient for you and the professor. Make-up labs will automatically have 20 points deducted from the total score. If you miss the make-up lab, you will receive a zero (0) for the lab.

**Absences and Make-up Work**
If you are unable to attend a class, you are responsible for getting the material you missed and arranging to make up any test, class work, lab, or assignment. If you miss a test, a make-up test will be available following the completion of Test #3. The make-up test will be cumulative, covering all course information covered through Test #3. If you miss more than one test, the grade on the make-up test will replace each test missed. Twenty points will be deducted from the test grade for each test missed i.e. if you miss one test, 20 points will be deducted; if you miss two tests, 40 points will be deducted; if you miss three tests, 60 points will be deducted. If you do not take the final exam, you will receive zero (0) on the final exam, and will automatically fail the course.

**Student Work Responsibility**
You are responsible for completing all work, including assignments, discussions and tests. If you should encounter problems that interfere with or potentially interfere with your ability to fulfill the course requirements, please notify me as soon as possible. While I do not necessarily need to know the details of the problems, you should at least identify a “generic” contributor to the problem (e.g. health, finances, living situation, personal, etc.). If you do not feel comfortable discussing your situation with me, contact Student Support Services at [http://home.nau.edu/edsup/sss/](http://home.nau.edu/edsup/sss/) or 523-6980. Do not wait until the conclusion of the semester to explain any interruptions and/or disruptions to your studies.

**Communication**
If you ever need to meet with me outside of class, my office hours are Tuesday and Thursday from 12:30 PM – 1:30 PM. If you are not available at this time, please contact me so we can arrange an appointment at an agreeable time.

Please feel free to contact me by e-mail using either Wende.Yellin@nau.edu or “Messages” through BBLearn. Keep in mind that I am your professor and expect to be treated with respect in your e-mails. I, in turn, will respond to you with respect. Guidelines to be followed when writing your e-mail include using an appropriate subject line, greeting, and salutation, and proofreading your e-mail before sending it.

Please feel free to contact me by telephone. My office phone number is 928-523-7432.

**Computers**
Laptop computers may be used for taking notes only. If laptops are being used for non-class activities, the use of laptops will be prohibited.
Code of Academic Integrity

ACADEMIC DISHONESTY is a form of misconduct that is subject to disciplinary action under the Student Code of Conduct and includes the following: cheating, fabrication, fraud, facilitating academic dishonesty and plagiarism.

1. **Plagiarism:** any attempt to pass off other's work as your own
2. **Cheating:** any attempt to gain an unfair, hidden advantage over one's fellow students
3. **Fabrication:** any attempt to present information that is not true
4. **Fraud:** any attempt to deceive an instructor or administrative officer of the university

Student engaging in activity meeting the definition of academic dishonesty are subject to one of the penalties listed below. As the faculty member, I reserve the right to assign the penalty based upon my perception of the severity of the offense.

1. Assign the student extra course work.
2. Require the assignment or examination to be repeated.
3. Reduce the grade on the assignment or examination.
4. Award zero grade on the assignment or examination.
5. Require the student to drop the course.
6. Award a failing grade in the course.

The complete Academic Dishonesty policy may be found at the following URL:
http://www4.nau.edu/stulife/StudentHandbook/Appendix_G_AcademicDishonesty.htm