Course Syllabus for SPA 466: Aural Rehabilitation

Professor: Dr. Megan Swank  
Semester: Fall 2014: August 25 – December 9
Meeting Times: Wednesdays 4:00 – 6:45pm  
Location: Manville 2
Office Hours: By Appointment  
Office: Redfield Bldg. Room 139
E-Mail: mswank@medicine.nevada.edu  
Phone: 784-4887

Course Prerequisites: SPA 362 and SPA 365
Required Textbook: Introduction to Audiologic Rehabilitation by Schow and Nerbonne (6th edition)
Required Course Materials: NXT Response Clicker
Website: WebCampus will be utilized

Course Description
Welcome to SPA 466! This undergraduate course will reinforce the student learning outcomes from SPA 362 and SPA 365 in addition to providing a broad overview of professional’s roles and efforts essential to the management of patients with hearing loss. The student will be exposed to principles of remediation for those born with hearing loss (habilitation) or those who have lost their normal hearing over time (rehabilitation). Areas of concentration will include but are not limited to: the characteristics of untreated hearing loss, consequences of untreated hearing loss and the scientific research to support early treatment, the use and application of hearing aid technology and assistive hearing technology, the use and application of cochlear implant technology, auditory and visual stimuli in communication, language and speech of the Deaf and hard of hearing, the psychological aspects of hearing loss and the effect of hearing loss on the patient and the their economic impact on society, counseling basics and rehabilitative techniques. Homework, assignments, projects, quizzes, examinations, and an oral presentation will be utilized to aid in application and assessment of the material. This course will require your active participation and will challenge you. You will be asked to think critically and to use the skills and knowledge you have acquired as a student so far to help you learn new information and use cogent reasoning methods to examine how the new knowledge applies to current problems and issues for patients with hearing and balance disorders.

Course Objectives
Along with SPA 362 and SPA 365, this course helps to satisfy CO9 (Science, Technology, & Society): Students will be able to connect science and technology to real-world problems by explaining how science relates to problems of societal concern; be able to distinguish between sound and unsound interpretations of scientific information; employ cogent reasoning methods in their own examinations of problems and issues; and understand the applications of science and technology in societal context. The following outcomes address CO9:

Students will be able to demonstrate knowledge of:
- Using modern diagnostic technology to conduct and interpreting behavioral and/or electrophysiological methods to assess the vestibular system
• Explain how audiology as a science assesses how hearing loss affects societal issues, including communication, educational, vocational, social, economic, and psychological functioning
• Explain the development and use of assistive technology in the field of audiology, including technological advancements in audiological testing the evaluation, selection, verification and dispensing of hearing aids, BAHA, cochlear implants, and other assistive technology, and consider the associated costs and insurance coverage of such technology
• Treatment and management of tinnitus using modern technology
• Articulate the ways in which the science behind hearing technology is able to transform members of society
• Apply knowledge of audiology as a science and the technological advancements in the field to the treatment and rehabilitation of persons with hearing loss or other auditory disorders.

In addition, students will be able to demonstrate knowledge of the following:
• Principles and applications of counseling related to the psychosocial aspects of hearing loss
• Healthcare and educational delivery systems
• ADA and other legal protections/obligations
• Provision of comprehensive audiologic treatment for persons with hearing loss or other auditory disorders
• American sign language and other visual communication systems
  o Use of interpreters and translators for both spoke and visual communication
• Working in collaboration for the provision of treatment services for infants and children with hearing loss
• Educate individuals on potential causes and effects of vestibular loss
  o Consultation with professionals in related service area

Student Expectations
• Attendance: This class will cover a significant amount of content during each class meeting and will be interactive in nature. Therefore, it will not be possible to replicate this learning experience when sections are missed. Please make your best effort to attend all of the scheduled class meetings and stay for the duration of the schedule class time. If you miss a class, it is your responsibility to obtain any and all information provided from a fellow student. Make up assignments will only be considered in cases of illness or emergencies; documentation must be provided.
• Accountability: You are expected to take an active role in your education and your success as a student. Students are responsible for all the content in this course including but not limited to: announcements made in class, reading assignments, lectures given, in-class/homework assignments, participation, and exams. Make sure to check WebCampus for additional information regarding this course, assignments, discussion boards, etc. You will earn a grade in this class based off of your performance and the work you put into it.
• Preparation: You are expected to finish the reading assignments and homework before class. If you come to class unprepared, you won’t be able to contribute to the discussions, critical thinking questions and/or review sessions. You are also expected to have your clicker with you for every single scheduled class. If you come to class without your clicker, you will lose participation points for the day.
• **Professionalism**: This trait is expected and required not only in this class, but in the profession for which you are studying to become a part of. In class you will respect others’ right to hold opinions and beliefs that differ from your own. All interactions with your instructor and your fellow students need to be respectful and professional. Any inappropriate or disruptive behavior toward your instructor or a fellow class mate will not be tolerated. This can include but is not limited to: cell phone use in class, inappropriate computer use in class, talking in class, and sleeping in class. If you decide to be disruptive or disrespectful in class, you will lose participation points for the entire week for each occurring offense.

**Academic Dishonesty**
Acts of dishonesty include but are not limited to the following:
• Cheating, plagiarism, fraudulently obtaining grades, or other forms of academic dishonesty
• Furnishing false information to any university official, faculty member, or office member
It is your responsibility to know the definitions of the terms listed above so that you can abide by this policy. Academic dishonesty is prohibited according to the student code of the University of Nevada and will not be tolerated. Penalties can include one or more of the following (to be determined by the instructor):
• Assigning an ‘F’ for the assignment
• Reporting the student to academic affairs
• Canceling a student's enrollment without a grade
• Assigning an ‘F’ for the course

**Disability Services**
Any student with a documented disability which might require adapted instruction or which might interfere with performance in this course should contact the Disability Resource Center (DRC). The University of Nevada, Reno supports providing equal access for students with disabilities. I am available to discuss appropriate academic accommodations students may require. Please see me at your earliest convenience to ensure timely and appropriate accommodations.

**Statement on Audio and Video Recording**
Surreptitious or covert video-taping of class or unauthorized audio recording of class is prohibited by law and by Board of Regents policy. This class may be videotaped or audio recorded only with the written permission of the instructor. In order to accommodate students with disabilities, some students may have been given permission to record class lectures and discussions. Therefore, students should understand that their comments during class may be recorded.

**Academic Success**
If you find yourself having difficulty with the class material or have questions/concerns, you are always encouraged to contact me and take advantage of office hours. Also, please keep in mind your student fees cover usage of the Tutoring Center, the Math Center, and the Writing Center. Seeking help outside of class and utilizing all the resources available to you is extremely encouraged. However, it is your responsibility to do so and to do so in a timely manner (i.e. do not wait until your grade is in jeopardy or when there are only a few weeks of class left; be proactive). I am most easily reached via email and I do my best to respond to your emails as soon as possible; please allow at least 24 hours (Monday-Friday) for a response. You are also welcome to stop by my office for help with the course material, for questions, or for academic advisement but appointments are highly recommended.
Course Requirements

• **Reading**: Reading assignments contain a large majority of the course material and are provided in the course outline of this syllabus. A certain amount of class participation is expected. Therefore, it’s extremely important you complete the reading assignments prior to attending class.

• **Quizzes**: You will have a quiz each week which will be based on the reading assignment for that week. Not only will they serve to check on your reading comprehension, but will also act as a measure of your attendance. Therefore, they can and will be given at any point during class. All quizzes will consist of 10 questions, 2 points per question, and must be completed in class using Clicker technology. If you forget your clicker, you will receive a zero for the quiz that day. No makeup quizzes will be offered due to forgotten or misplaced clickers.

• **Audiograms**: Every other week you will have an assignment related to audiological testing, results and reports. These assignments are designed to help you retain your ability to read and interpret an audiogram and an audiological report. All assignments will be handed out in class only and all of your answers must be submitted via Webcampus. Your assignments must contain your own work; if multiple assignments are found to contain the same wording as other classmates, deductions will be made to your final score. These assignments will be pass/fail based on completion and your effort.

• **Interview**: This assignment involves interviewing an individual with hearing loss of any severity. A list of set questions will be provided and you will also be expected to come up with some questions of your own. Once you have completed the interview, you will be required to write a 6-8 page paper discussing the interview and any application to aural rehabilitation. Additional details and grading rubric to follow.

• **Video Assignment**: In place of meeting for lecture on November 26th (Thanksgiving eve), you will be required to find a full length movie with a character who is hard of hearing or Deaf. You need to watch the film and then write a 3-4 page paper summarizing the movie and addressing a list of set topics/questions. This assignment is designed to be an individual assignment. However, you are allowed to watch a movie with a small group of your peers as long as your papers are original to your thoughts and ideas.

• **Group Presentation**: You will be required to work in a group of your peers and compose a presentation on a topic related to aural rehabilitation. Your topic needs to be considered ‘controversial’ in the hearing, audiological and/or Deaf community; a list of suggested topics will be provided. Your group is required to submit your topic for prior approval. A topic may only be used once (no duplicates) and are on a first come, first served basis. You will then be required to research your topic and create a PowerPoint presentation which you will present to your peers at the end of the semester. Your presentation should include at least one case study that provides information regarding why your topic is important to audiology and to society as a whole.

• **Final Examination**: In order to help you study and maintain the material in this class, the final examination will be cumulative and will contain questions that will require you to demonstrate knowledge and application of all of the student learning outcomes listed on this syllabus.
Grading
With large classes, grading papers and assignments is a time consuming process so please try to be patient when waiting for your grades. I will do my best to post grades no later than one week after the due date of that assignment. I grade each assignment at one time and will not post grades for that assignment until all have been graded. Therefore, if you turn an assignment in early, you won’t receive your grade until everyone’s assignment has been graded. To discuss your grades, please schedule an appointment to speak with me in private. Again, your final grade is earned and will be based off of your performance on the listed requirements; final grades will not be rounded.

Late Work/Extra Credit
If you have an excused absence, you must contact the instructor no later than 2 days after your documented absence for a make-up assignment. All make-up assignments must be submitted by the provided deadline to receive full credit. Assignments submitted up to two days late will be considered for no more than 50% of the assigned points. Extra credit may or may not be given for this course. The decision to accept late work and the provision of extra credit is up to the discretion of the instructor.

Grade Composition
- Quizzes 200 points
- Audiograms 200 points
- Interview Assignment 100 points
- Video Assignment 50 points
- Group Project/Presentation 100 points
- Final Exam 150 points
Total 800 points

Course Grading
Final grades will be assigned using the following scale:

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<th>Grade</th>
<th>Points</th>
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<tr>
<td>A</td>
<td>760-800</td>
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<tr>
<td>A-</td>
<td>720-759</td>
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<tr>
<td>B</td>
<td>680-719</td>
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<tr>
<td>B-</td>
<td>640-679</td>
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<tr>
<td>C</td>
<td>600-639</td>
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<tr>
<td>C-</td>
<td>560-599</td>
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<tr>
<td>D</td>
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<tr>
<td>F</td>
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Course Outline
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<th>Date</th>
<th>Topic</th>
<th>Reading Assignment</th>
<th>Audio HW</th>
</tr>
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<tbody>
<tr>
<td>August 27</td>
<td>Syllabus Distribution &amp; Intro to AR</td>
<td>Chapter 1</td>
<td>Yes</td>
</tr>
<tr>
<td>September 3</td>
<td>Auditory and Visual Stimuli*</td>
<td>Chapters 4 &amp; 5</td>
<td>No</td>
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<tr>
<td>September 10</td>
<td>Hearing Aids*</td>
<td>Chapter 2</td>
<td>Yes</td>
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<tr>
<td>September 17</td>
<td>Assistive Devices</td>
<td>Chapter 2</td>
<td>No</td>
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<td>September 24</td>
<td>Cochlear Implants*</td>
<td>Chapter 3</td>
<td>Yes</td>
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<tr>
<td>October 1</td>
<td>Tinnitus and Vestibular Disorders</td>
<td>Chapter 3</td>
<td>No</td>
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<tr>
<td>October 8</td>
<td>Speech and Language and HL</td>
<td>Chapter 6</td>
<td>Yes</td>
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<tr>
<td>October 15</td>
<td>Psychosocial Aspects of HL*</td>
<td>Chapter 7</td>
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<td>October 22</td>
<td>Pediatric AR</td>
<td>Chapters 9 &amp; 11</td>
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<td>October 29</td>
<td>Adult/Geriatric AR</td>
<td>Chapters 10 &amp; 12</td>
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<td>Chapter</td>
<td>Attendance</td>
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<tr>
<td>November 5</td>
<td>AR in Public Schools*</td>
<td>Chapter 8</td>
<td>Yes</td>
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<tr>
<td>November 12</td>
<td>Group Presentations</td>
<td>None</td>
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<td>November 19</td>
<td>Group Presentations</td>
<td>None</td>
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<td>November 26</td>
<td>NO CLASS- Online Assignment</td>
<td>None</td>
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<td>December 3</td>
<td>Group Presentations</td>
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<td>December 17</td>
<td>Final Exam: 5:00-7:00pm</td>
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*Guest lecture

**Please note: The instructor reserves the right to modify any part of this syllabus as she sees fit. All changes will be announced in class with the intention to give you as much notice as possible. It is your responsibility to be aware of any and all changes made.