Instructor: Dr. Sabrina Marciante, Au.D, CCC-A, F-AAA
Course Time & Location: Thursdays 5:30-8:00pm, online
Contact Phone Number: (512) 554-8833
E-mail: marciantsc@sfasu.edu
Office Hours: By appointment

Credits: 3 Semester hours
Prerequisites: SPH 130 & 210

I. Course Description:
Study of the anatomy of hearing and diagnostic techniques to determine hearing loss.

Readings

II. Intended Learning Outcomes/Goals/Objectives:

This course reflects the following core values of the College of Education:

- Academic excellence through critical, reflective, and creative thinking
- Lifelong learning
- Collaboration and shared decision-making
- Openness to new ideas, to culturally diverse people, and to innovation and change
- Integrity, responsibility, diligence, and ethical behavior
- Service that enriches the community.

This course also supports the mission of the Pre-Audiology and Speech-Language Pathology Programs.

This course addresses the following standard(s) of the Council for Clinical Certification of the American Speech-Language-Hearing Association:

Standard III-C. The applicant must demonstrate knowledge of the nature of speech, language, hearing, and communication disorders and differences and swallowing disorders, including their etiologies, characteristics, anatomical/physiological, acoustic, psychological, developmental, and linguistic and cultural correlates.
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 correlates of the disorder.

Standard IV-G. The applicant for certification must complete a program of study that includes supervised clinical experiences sufficient in breadth and depth to achieve the following skills outcomes (in addition to clinical experiences, skills may be demonstrated through successful performance on academic coursework and examinations, independent projects, or other appropriate alternative methods): 1. Evaluation (must include all skill outcomes for each of the nine major areas) and 2. Intervention (must include all skill outcomes for each of the nine major areas).

This course is designed to familiarize the student with the field of audiology and KASA standards which are addressed in parentheses and includes the study of:
1. sound
2. hearing, anatomy and physiology of
3. hearing, disorders of
4. hearing, measurement of
5. hearing loss, measurement of
6. hearing loss, differential diagnosis of
7. hearing loss, medical treatment of
8. hearing loss, prevention of
9. hearing loss, habilitation and rehabilitation

III. Course Assignments, Activities, Instructional Strategies, use of Technology:

Course Assignment
Due BEFORE class on Thursday, November 29th, 2018.

I will assign a disorder of the auditory pathway. Given an accurate history, you will then describe the following:
1. Pathway of disorder (what part or parts of the ear are affected and how.. Be descriptive!)
2. Populations most commonly affected by the given disorder
3. Prevalence of the given disorder
4. Audiologic results and physical presentation of the disorder (include behavioral and physiological testing measures, if appropriate)
5. Outcomes (may include management, treatment, referral to alternate specialty, etc.)


I will provide feedback on drafts provided to me no later than November 16th, 2018. Drafts may be incomplete, include bullet points, etc. You may send drafts via e-mail or set up a conference with me.
EXTRA CREDIT: Up to 20 points applied to final grade point total. Due by 11:59pm on Sunday, December 9th, 2018.

Interview an individual or parent/guardian of an individual with hearing loss. Hearing loss may range from mild to severe. Find out the etiology of their hearing loss, family history of hearing loss, duration of hearing loss, courses of management pursued, how their hearing loss affects them and those around them, etc.

You may set this up as a Q&A and transcribe the interview from a recording, or you may write a 1 to 2 page paper describing your conversation and highlighting answers to the questions above (or questions of your own). Do not exceed 2 pages if writing report style.

Proposed Schedule of Topics

<table>
<thead>
<tr>
<th>Session</th>
<th>Date</th>
<th>Topic</th>
<th>Chapter</th>
<th>Pages</th>
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<tbody>
<tr>
<td>1</td>
<td>08/30/2018</td>
<td>Introduction Audiology Profession&lt;br&gt;The Human Ear and Simple Tests of Hearing</td>
<td>N/A</td>
<td>N/A</td>
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<td>1</td>
<td>4–15</td>
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<td>2</td>
<td>16–29</td>
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<tr>
<td>2</td>
<td>09/06/2018</td>
<td>Sound and Its Measurement</td>
<td>3</td>
<td>30–41</td>
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<tr>
<td>3</td>
<td>09/13/2018</td>
<td>Sound and Its Measurement</td>
<td>3</td>
<td>41–67</td>
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<tr>
<td>4</td>
<td>09/20/2018</td>
<td>TEST #1</td>
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<td>5</td>
<td>09/27/2018</td>
<td>The Outer Ear&lt;br&gt;The Middle Ear</td>
<td>9</td>
<td>218–237</td>
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<td>10</td>
<td>238–272</td>
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<td>6</td>
<td>10/04/2018</td>
<td>The Inner Ear</td>
<td>11</td>
<td>273–314</td>
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<td>7</td>
<td>10/11/2018</td>
<td>The Auditory Nerve and Central Auditory Pathways</td>
<td>12</td>
<td>315–342</td>
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<td>8</td>
<td>10/18/2018</td>
<td>TEST #2</td>
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<td>9</td>
<td>10/25/2018</td>
<td>Pure-Tone Audiometry</td>
<td>4</td>
<td>70–97</td>
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<tr>
<td>10</td>
<td>11/01/2018</td>
<td>Speech Audiometry&lt;br&gt;Masking</td>
<td>5</td>
<td>98–125</td>
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<td>6</td>
<td>126–149</td>
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<tr>
<td>11</td>
<td>11/08/2018</td>
<td>Physiological Tests of the Auditory System</td>
<td>7</td>
<td>150–185</td>
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<tr>
<td>12</td>
<td>11/15/2018</td>
<td>TEST #3</td>
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<td>13</td>
<td>11/22/2018</td>
<td>NO CLASS–THANKSGIVING BREAK</td>
<td>N/A</td>
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<tr>
<td>14</td>
<td>11/29/2018</td>
<td>Amplification and Sensory Systems</td>
<td>14</td>
<td>364–397</td>
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<tr>
<td>15</td>
<td>12/06/2018</td>
<td>COMPREHENSIVE REVIEW</td>
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<td>16</td>
<td>12/13/2018</td>
<td>COMPREHENSIVE FINAL EXAM</td>
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IV. Evaluation and Assessments (Grading):

Class requirements include a study of the text and:

<table>
<thead>
<tr>
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<th>Points</th>
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<tr>
<td>1. Three Exams @ 100 / each</td>
<td>300</td>
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<td>2. Comprehensive Exam</td>
<td>100</td>
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<td>3. Course Assignment</td>
<td>100</td>
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<td><strong>TOTAL</strong></td>
<td><strong>500</strong></td>
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Grading:  
- A 447.5-500.0 points: 89.5-100 exceptional  
- B 397.5-447.0 points: 79.5-89.49 good  
- C 347.5-397.0 points: 69.5-79.49 minimally acceptable  
- D 297.5-347.0 points: 59.5-69.49 poor, not acceptable as credit toward degree  
- F 0-297.0 points: 00.0-59.49 no credit

You are encouraged to contact me relative to any matter you wish to discuss. You may make an appointment with me for conferences.

V. Course Evaluations:
Near the conclusion of each semester, students in the College of Education electronically evaluate courses taken within the COE. Evaluation data is used for a variety of important purposes including: 1. Course and program improvement, planning, and accreditation; 2. Instruction evaluation purposes; and 3. Making decisions on faculty tenure, promotion, pay, and retention. As you evaluate this course, please be thoughtful, thorough, and accurate in completing the evaluation. Please know that the COE faculty is committed to excellence in teaching and continued improvement. Therefore, your response is critical!

In the College of Education, the course evaluation process has been simplified and is completed electronically through MySFA. Although the instructor will be able to view the names of students who complete the survey, all ratings and comments are confidential and anonymous, and will not be available to the instructor until after final grades are posted.

VI. Student Ethics and Other Policy Information:

Attendance:  
One point will be deducted from the final grade for each unexcused absence (maximum of three). Absences will be excused only on documentation and approval. Three tardies will constitute one absence.

Students with Disabilities—To obtain disability related accommodations and/or auxiliary aids, students with disabilities must contact the Office of Disability Services (ODS), Human Services Building, Room 325, (936) 468-3004/ (936) 468-1004 (TDD) as early as possible in the semester. Once verified, ODS will notify the course instructor and outline the accommodation and/or auxiliary aids to be provided.
Academic Honesty—It is the policy of Stephen F. Austin State University that academic dishonesty is a completely unacceptable mode of conduct and will not be tolerated in any form. All persons involved in academic dishonesty will be disciplined in accordance with University regulations and procedures. Discipline may include suspension or expulsion from the University. (see Academic Integrity A-9.1)