ComSDis 220: Anatomy and Physiology of the Speech, Hearing and Language Mechanism (U, 4 credits)  
Summer 2018

COURSE SYLLABUS

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Office hours: by appointment

COURSE DESCRIPTION: Structures and functions involved in normal speech and language.
Prereq: Bio Sci 202 (P) or cons instr.
This class is one of three courses required for admission into the Communication Sciences and Disorders major that cannot be repeated (students need a cumulative B average in the three core courses to be admitted into the major).

REQUIRED TEXT:

NOTE: This class has a D2L website. Please access it for course lecture notes, lab assignments, quizzes and other resource materials.

REQUIRED ADDITIONAL MATERIALS: For the lab assignments you will be asked to create anatomical models of the blood supply of the brain (the Circle of Willis) and a larynx. You will need some pipe cleaners and sticky notes for the Circle of Willis. You will need “Sculpey” or “Femo” or any other type of polymer clay in 4 different colors for the anatomical model of the larynx.

LEARNING OUTCOMES ASSOCIATED WITH THIS COURSE:
Standard III-B, 1.A.
1. The student will demonstrate the ability to apply basic anatomical and physiological concepts relating to the respiratory system to normal aspects of phonation and speech.
2. The students will demonstrate the ability to apply basic anatomical and physiological concepts relating to the phonatory system to normal aspects of phonation and speech.
3. The student will demonstrate the ability to apply basic anatomical and physiological concepts relating to the articulatory system to normal aspects of speech.

Standard III-B, 1.B.
1. The student will explain neuroscience fundamentals related to the central and peripheral nervous system.
2. The student will explain concisely a structural overview of the nervous system relevant to basic human communication processes.
3. The student will explain concisely a functional overview of the nervous systems relevant to basic human communication processes.
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<th>Readings</th>
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<td>The cranial nerves</td>
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ASSIGNMENTS AND COURSE REQUIREMENTS

1. QUizzes: There will be 12 weekly quizzes (multiple-choice, short-answer and/or fill-in-the blank questions) to be completed on the D2L course site, each worth 14 points, based on the lecture and reading material from previous weeks’ lectures. **All quizzes are due on the Monday following the weekly unit at midnight (central time).** You will have 15 minutes to complete each quiz. If you miss a quiz and have not previously arranged for accommodation, you will receive a score of zero for that quiz. You can drop your lowest ONE quiz score. All together, the quizzes are worth 154 points, or 32% of your total grade.

2. LABS: The purpose of the two laboratory assignments is to facilitate hands-on learning through creating anatomical models. For your first lab assignment, you will be asked to create a Circle of Willis made of pipe cleaners. For the second model, you will create a model of the larynx made from clay. Thus you will need some extra materials (pipe cleaners for the first project and polymer clay for the second project). **Students are responsible for completing the lab assignments by Thursday (6.21) and (8.2).** Each lab is worth 23 points. All together, the labs are worth 46 points, or 15% of your total grade.

3. WEEKLY WORKSHEETS: The purpose of these worksheets is for you to 1) review and synthesize weekly learning materials and 2) assess which content areas need more reviewing. There will be 12 worksheets in total, each is worth 25 points. If you miss a worksheet deadline and have not previously arranged for accommodation, you will receive a score of zero for that worksheet. You can drop your lowest ONE work sheet score. All together, they are worth 275 points, or 58% of your total grade. **Weekly worksheets are due on Friday at midnight (central time), of the weekly unit.**

**GRADING:**

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<tr>
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<th>Quizzes (11 @ 14 pts each)</th>
<th>Labs (2 @ 23 pts each)</th>
<th>Weekly worksheets (11 @ 25 pts each)</th>
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<tr>
<td></td>
<td>154</td>
<td>46</td>
<td>275</td>
<td>475</td>
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<td>32%</td>
<td>10%</td>
<td>58%</td>
<td>100%</td>
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A: 93% and above  
A-: 90% - 92.99%  
B+: 87% - 89.99%  
B: 83% - 86.99%  
B-: 80% - 82.99%  
C+: 77% - 79.99%  
C: 73% - 76.99%  
C-: 70% - 72.99%  
D+: 67% - 69.99%  
D: 63% - 66.99%  
D-: 60% - 62.99%  
F: below 60%

ACADEMIC POLICIES

1. UWM has established a new credit hour policy. This document identifies the time students need to invest in a course to be successful. A general rule is 1 credit hour = 3-5 hours of work per week in a 16-week semester. Thus, students should anticipate devoting no less than 192 hours of time over the entire semester. **During a more compressed summer term of 12 weeks, you should anticipate to invest 16 hours per week to reviewing course content, completing the readings and assignments, and studying for quizzes.**
2. Missing a quiz will result in a grade of "0," for that quiz unless you have permission from the instructor to make up the quiz in a timely way. If some emergency prevents you from taking the quiz, let the instructor know as soon as possible.

4. Lab assignments are due on Wednesday after completion of a module. A late lab assignment will be marked down five (5) points for each day it is late (including weekend days).

5. Academic misconduct: Students are responsible for the honest completion and representation of their work, for the appropriate citation of sources, and for respect of others' academic endeavors. University policy prohibits and punishes misconduct, which is any act by which a student seeks to claim credit for the work or efforts of another without authorization or citation (plagiarism), forges or falsifies documents, falsely represents his or her academic performance (cheating), engages in unauthorized collaboration with other students on tests, quizzes, papers or projects, or assists other students in any of these acts. Students who engage in academic misconduct may receive a failing grade on an assignment or test, a failing grade in the course, or, in cases of repeated offenses, may be expelled from the university.

6. Incomplete work: A notation of "incomplete" may be given in lieu of a final grade to a student who has carried a passing grade for a significant part of the course but, because of illness or other unusual and substantiated causes beyond the student's control, has been unable to take or complete the final examination or some other limited amount of term work. An incomplete is not assigned on the basis of poor academic performance.

8. If any student needs special accommodations due to disabilities or religious observances in meeting any course requirement, please contact your course instructor within the first two weeks of the semester.

9. Complaint procedures: Students should direct complaints first to the instructor of the course concerned. If the complaint is not satisfactorily resolved, then it is appropriate to contact the undergraduate program coordinator (Dr. Shelley Lund). The third step is to contact the head of the academic unit or department in which the incident occurred. If the incident allegedly violates a specific university policy, the complaint may be directed to the appropriate university office responsible for enforcing the policy.

10. Academic appeals procedure: A student who receives an adverse decision in an academic matter (e.g., grades, scholastic standing, etc.) may appeal the decision to the appropriate authority within the department, school, or college in which the decision was made. Such an appeal shall follow the established procedures adopted by the department, college, or school in which the course resides. These procedures are in writing from the respective department chairperson or the Academic Dean of the College.

11. Information regarding the College of Health Sciences Honor Code and the Wireless Policy for Students can be found on the course's D2L website or at:
   http://www4.uwm.edu/chs/students/current_students/honor_code.cfm
   http://www4.uwm.edu/chs/students/current_students/guide_elec_wireless_in_class.cfm
12. For additional academic policy information, please see the DEPARTMENTAL POLICIES AND INFORMATION FOR COURSE SYLLABI document posted in the Department of Communication Sciences and Disorders.