Anatomy and Physiology of the Speech and Hearing Mechanism, LIN 211
Course Meeting dates/times: Tuesdays 5:35-8:05
Course Meeting room: Payson Smith 200

Instructor: Nicole Dobson, M.S., CCC-SLP
Office Location: NA

Email: nicole.dobson@maine.edu
Please use your USM e-mail. Since messages still sometimes get lost, please email nicoledobson.edu@gmail.com if you don’t get a reply within 72 hours.
Office Phone: 207-602-0770

Day(s)/Time(s)/Room #: TBD

Course Materials & Books:

J. Anthony Seikel, Ph.D.; David G. Drumright, B.S.; Douglas W. King, Ph.D.

Additional readings provided or as assigned on Blackboard TBA

Supplemental: NA

Technology Requirements: Anatesse Software

Course Description, including format:
The basic principles of the structure and function of the neuromuscular mechanism necessary for spoken language will be presented. These include six major topics: respiration, phonation, articulation, resonance, and the nervous system. Mastering these fundamentals will enable students to better understand normal and pathological processes involved in the production and reception of speech. This is a face-to-face course format.

Learning Outcomes:
At the conclusion of this course, students will:
- be knowledgeable about terminology used to discuss anatomy and physiology
- demonstrate understanding of the anatomy and physiology of speech, language, and hearing mechanisms
- have an introductory sense to anatomy and physiology relative to communication disorders.
## Class Schedule and Assignments:

**subject to change**

<table>
<thead>
<tr>
<th>TOPIC</th>
<th>READINGS</th>
<th>HOMEWORK</th>
<th>LABELED DRAWINGS</th>
<th>SOFTWARE LESSONS</th>
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</thead>
<tbody>
<tr>
<td>Class Introduction</td>
<td>Read chapters prior to class lecture covering the topics</td>
<td>One homework post due weekly by 12:00 pm Tuesday</td>
<td>Due at the completion of the chapter Dates TBD</td>
<td>Completed work due at the end of the semester</td>
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<tr>
<td>Basic Elements of Anatomy</td>
<td>Chapter 1</td>
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<tr>
<td>Anatomy and Physiology of Respiration</td>
<td>Chapters 2 &amp; 3</td>
<td></td>
<td>Fig 2-3, p. 34 Fig 2-26 (B), p. 98 Fig 2-31 (A), p. 111 Fig 2-36 (A), p. 123 Fig 2-37, p. 125</td>
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<tr>
<td>Anatomy and Physiology of Phonation</td>
<td>Chapters 4 &amp; 5</td>
<td></td>
<td>Fig 4-1 (A-D), p. 185 Fig 4-12 Superior View, p. 211 Fig 4-13, p. 213 Fig 5-1 (A), p. 247</td>
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<tr>
<td>Anatomy and Physiology of Articulation and Resonation</td>
<td>Chapters 6 &amp; 7</td>
<td></td>
<td>Fig 6-3 (B), p. 305 Fig 6-5 (A), p. 308 Fig 6-30 (A), p. 355 Fig 6-34 (A), p. 364</td>
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<tr>
<td>Physiology of Mastication and Deglutition</td>
<td>Chapter 8</td>
<td></td>
<td>Fig 8-4 (A) 1-9, *include descriptions, p. 460</td>
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<tr>
<td>Anatomy and Physiology of Hearing</td>
<td>Chapter 9 &amp; 10</td>
<td></td>
<td>Fig 9-1, p. 500 Fig 9-4, p. 507 Fig 9-6 (B), p. 511 Fig 9-7 (A), p. 515 Fig 9-8, p. 520 Fig 9-9, p. 521</td>
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<tr>
<td>Neuroanatomy and Neurophysiology</td>
<td>Chapters 11 &amp; 12</td>
<td></td>
<td>Fig 11-2 (A+B), p. 590-591 Fig 11-14 (A+B), p. 614 Fig 11-26 (lateral view), p. 635 Fig 11-29, p. 641 Fil 12-3, p. 714</td>
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Assessment:
Your performance in the course will be evaluated based on the following assessments:

*“Student grade” – A grade will be determined based on your adherence to the class policies (Work and Quiet Classroom / Distraction), participation and your completion of homework assignments. See below for grading.

*Homework posts – Each chapter you will choose concepts from the text or discussed in class that interest or perplex you. You will search for videos, articles, or visual/graphic displays that accurately represent or explain the concept, choose 1 and upload it to the Blog on Blackboard. Be prepared to present your submission in class. The post is due by 12:00 on Tuesday, the day of the class session we will be discussing them. See below for grading.

*Labeled Drawings – You will draw (or trace) and label anatomical illustrations from your textbook.

Final Submission of Tests – The final is a submission of completed ANATESSE computerized learning program lessons, quizzes and tests for each chapter covered.

Grading Criteria:
The course grade will be assigned based on the scores of the following assignments with their weights as follows:

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Weight</th>
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<tbody>
<tr>
<td>Student Grade</td>
<td>20%</td>
</tr>
<tr>
<td>Labeled drawings</td>
<td>35%</td>
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<tr>
<td>Tests/Final</td>
<td>45%</td>
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*Your “student grade” will start with full credit (95 = A), with 3 points subtracted for each occurrence of the following policy infractions: not completing, submitting, or clearly presenting homework on time, and exploring various social media sites or other electronic communication during class. See Attendance/Assignment Policy.

Course Evaluations:
At the end of each semester every student has the opportunity to provide constructive feedback on the course. It is important to me that you take the time to let me know your thoughts about the course. I use your feedback to make improvements in the course materials, assignments, and outcomes.

COURSE POLICIES

ATTENDANCE/ASSIGNMENT POLICY
Attendance is up to you. You are responsible for *passing in assignments if you miss class and getting other information you may have missed on your own. There is a “student grade” as part of the grading system. The grade starts will full credit (95=A), with 3 points taken away for each occurrence of the following infractions: 1) not completing, submitting, or clearly presenting homework on time 2) exploring various social media sites or other electronic communication during class. See Quiet Classroom/Distraction Policy.

*Tests, homework, and other assignments cannot be made up unless you have a legitimate medical excuse approved by the instructor, or a death in your immediate family AND you notify me no later than 24 hours after the missed assignment or in advance.
Extra credit opportunities will be considered, but not guaranteed, upon request.

CLASS CANCELLATION
If I need to cancel class for any reason, I will post an announcement in Blackboard.

ATTENDANCE POLICY: Inclement Weather
From time to time USM will close the University due to inclement weather. When the cancellation is for an entire day, the class content will be made up at another time or through additional, outside of class, assignments.

When the school opens late or closes early, and the time selected is during the middle of class, we will still hold the class unless you are otherwise notified by me. Two examples:
• If class starts at 1pm, but the University is closing at 1:30pm, we will still have class unless you hear from me.
• If class starts at 1pm, but the University is opening at 1:30pm, we will still have class unless you hear from me.

TECHNOLOGY IN THE CLASSROOM – Quiet Classroom/Distraction Policy
In consideration of students' varying learning abilities/needs, please observe the following rules:
• No cell phones, or personal communication devices at any time (if you must take a call, your phone should be on vibrate, and you should answer outside the classroom).
• No talking or disturbances of any kind during lectures, presentations or videos. This includes getting up and walking unnecessarily through the classroom during class. Refrain from this activity unless it’s absolutely necessary. (see me for necessity of exception)
• Use of personal laptops or tables is permitted ONLY for note-taking or class participation. Exploring ones FB, Twitter, Instagram, Snapchat, Tik Tok, photos, Google accounts, email, texting, ET CETERA, is NOT permitted.
• See explanation of how violations of this policy will affect your grade (student grade) in the grading section of the syllabus.

ACADEMIC INTEGRITY / PLAGIARISM
Everyone associated with the University of Southern Maine is expected to adhere to the principles of academic integrity central to the academic function of the University. Any breach of academic integrity represents a serious offense. Each student has a responsibility to know the standards of conduct and expectations of academic integrity that apply to academic tasks. Violations of academic integrity include any actions that attempt to promote or enhance the academic standing of any student by dishonest means. Cheating on an examination, stealing the words or ideas of another (i.e., plagiarism), making statements known to be false or misleading, falsifying the results of one’s research, improperly using library materials or computer files, or altering or forging academic records are examples of violations of this policy which are contrary to the academic purposes for which the University exists. Acts that violate academic integrity disrupt the educational process and are not acceptable.

Evidence of a violation of the academic integrity policy will normally result in disciplinary action. A copy of the complete policy may be obtained from the office of Community Standards and Mediation, online at usm.maine.edu/community-standards-mediation/academic-integrity or by calling and requesting a copy at (207) 780-5242.

FINAL EXAMINATIONS/FINAL PROJECT
There will not be a final exam for this course. Your tests/final for all chapters covered will be completed in Anatesse and due on the last day of class.

It is a USM academic policy that no tests or exams may be scheduled during the last week of classes.

UNIVERSITY POLICIES AND RESOURCES

DISABILITY ACCOMMODATIONS
The university is committed to providing students with documented disabilities equal access to all university programs and services. If you think you have a disability and would like to request accommodations, you must register with the Disability Services Center. Timely notification is essential. The Disability Services Center can be reached by calling 207-780-4706 or by email dscusm@maine.edu. If you have already received a faculty accommodation letter from the Disability Services Center, please provide me with that information as soon as possible. Please make a private appointment so that we can review your accommodations.

TUTORING AND WRITING ASSISTANCE
Tutoring at USM is for all students, not just those who are struggling. Tutoring provides active feedback and practice, and is available for writing, math, and many more subjects. Walk-in tutoring is available at the Glickman Library in Portland, the Gorham Library, and the LAC Writing Center. For best service, we recommend making an appointment at https://usm.maine.edu/learningcommons/schedule-tutoring-appointment. Questions about tutoring should be directed to Naamah Jarnot at 207-780-4554. Interested in becoming a more effective, efficient learner? Check out https://usm.maine.edu/agile!

COUNSELING
Counseling is available at USM. The best way to schedule an appointment is by phone at 780-5411. More information is available at https://usm.maine.edu/uhcs.

RECOVERY ORIENTED CAMPUS CENTER (ROCC)
A peer support community for students in recovery from substance abuse and other mental health conditions is available at USM. More information may be found online at https://usm.maine.edu/recovery or by containing ROCC at 207-228-8141.

NONDISCRIMINATION POLICY
The University of Southern Maine is an EEO/AA employer, and does not discriminate on the grounds of race, color, religion, sex, sexual orientation, transgender status, gender expression, national origin, citizenship status, age, disability, genetic information or veteran’s status in employment, education, and all other programs and activities. The following person has been designated to handle inquiries regarding non-discrimination policies: Amie Parker, Interim Director of Equal Opportunity, The Farmhouse, University of Maine Augusta, Augusta, ME 04333, 207.581.1226, TTY 711 (Maine Relay System).

STATEMENT ON RELIGIOUS OBSERVANCE FOR USM STUDENTS
Absence for Religious Holy Days: The University of Southern Maine respects the religious beliefs of all members of the community, affirms their rights to observe significant religious holy days, and will make reasonable accommodations, upon request, for such observances. If a student’s religious observance is in conflict with the academic experience, they should inform their instructor(s) of the class or other school functions that will be affected. It is the student’s responsibility to make the necessary arrangements mutually agreed upon with the instructor(s).
TITLE IX STATEMENT

The University of Southern Maine is committed to making our campuses safer places for students. Because of this commitment, and our federal obligations, faculty and other employees are considered mandated reporters when it comes to experiences of interpersonal violence (sexual assault, sexual harassment, dating or domestic violence, and stalking). Disclosures of interpersonal violence must be passed along to the University’s Deputy Title IX Coordinator who can help provide support and academic remedies for students who have been impacted. More information can be found online at http://usm.maine.edu/campus-safety-project or by contacting Sarah E. Holmes at sarah.e.holmes1@maine.edu or 207-780-5767.

If students want to speak with someone confidentially, the following resources are available on and off campus: University Counseling Services (207-780-4050); 24 Hour Sexual Assault Hotline (1-800-871-7741); 24 Hour Domestic Violence Hotline (1-866-834-4357).