SPHS 3025: Anatomical Basis of Speech and Hearing

M/W/F 12:00-12:50

Cury 204

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Office Hours: Mondays 9:30-11:30, Room 190 Phone: 940-369-7298

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Course Description:

This course will cover normal anatomy and physiology of respiratory, phonatory, articulatory, and auditory systems involved in speech production and perception.

Required Text:

Seikel, J.A., Drumwright, D.G., and Seikel, P. (2013) Essentials of Anatomy and Physiology for Communication Disorders, Second Edition. Clifton Park, NY: Delmar Cengage Learning.

Course Objectives:

At the conclusion of this course, the student should be able to:

1. Demonstrate understanding of basic anatomical terminology
2. Identify anatomical structures involved with respiration and demonstrate understanding of the mechanics of the respiratory process
3. Identify anatomical structures involved with phonation and demonstrate understanding of the mechanics of phonation
4. Identify anatomical structures involved with articulation and explain their roles in speech and swallowing
5. Identify anatomical structures involved with hearing and demonstrate understanding of the mechanics of the auditory system

Exams:

There will be four exams in this course, each worth 25% of your grade. Exams must be taken at the assigned time. **No make-ups will be allowed for exams unless prior arrangements have been made with the instructor.** Alternate exam arrangements will be allowed only for sufficient reason and must be requested *prior to the time of the scheduled exam***.** Exceptions to the fixed exam dates and times will only be made for extreme emergencies and **documentation will be required.** Students who miss an exam will earn a zero. Please note the date and time of all exams.

Coursework Grading Scale:

A: 90-100%

B: 80-89%

C: 70-79%

D: 60-69%

F: < 60%

Anatesse Software Lab:

The software (ANATESSE CD-ROM) that accompanies the textbook was designed to provide students with a hands-on experience in physiological principles as well as to give students a review of anatomical material. It is recommended that students practice corresponding lessons before or following the lectures to reinforce learning of the material.

Attendance:

Attendance will be taken the two weeks of class as well as intermittently throughout the semester. It is the student’s responsibility to ensure that he/she signs the roll on the days that attendance is taken.

Student Behavior in the Classroom:

Student behavior that interferes with an instructor’s ability to conduct a class or other students' opportunity to learn is unacceptable and disruptive and will not be tolerated in any instructional forum at UNT. Students engaging in unacceptable behavior will be directed to leave the classroom and the instructor may refer the student to the Center for Student Rights and Responsibilities to consider whether the student's conduct violated the Code of Student Conduct.  The university's expectations for student conduct apply to all instructional forums, including university and electronic classroom, labs, discussion groups, field trips, etc.  The Code of Student Conduct can be found at [www.unt.edu/csrr](http://www.unt.edu/csrr).

Academic Dishonesty**:**

See also <http://www.unt.edu/policy/UNT_Policy/volume3/18_1_11.html>

 As in any class, academic dishonesty is not permitted in this class.  If at any point it is indicated that a student has participated in any dishonest acts, the appropriate action will be taken.

 1) Cheating. The term “cheating” includes, but is not limited to:

(a) use of any unauthorized assistance in taking quizzes, or examinations;

(b) dependence upon the aid of sources beyond those authorized by the instructor in writing papers, preparing reports, solving problems, or carrying out other assignments;

(c) the acquisition, without permission, of exams, notes or other academic material belonging to a faculty or staff member of the university;

(d) dual submission of a paper or project, or resubmission of a paper or project to a different class without express permission from the instructor(s).

(e) any other act designed to give a student an unfair advantage.

2) Plagiarism. The term “plagiarism” includes, but is not limited to:

(a) the knowing or negligent use by paraphrase or direct quotation of the published or unpublished work of another person without full and clear acknowledgement and

(b) the knowing or negligent unacknowledged use of materials prepared by another person or by an agency engaged in the selling of term papers or other academic materials

Disability Accommodations:

The University of North Texas makes reasonable academic accommodation for students with disabilities. Students seeking reasonable accommodation must first register with the Office of Disability Accommodation (ODA) to verify their eligibility. If a disability is verified, the ODA will provide you with a reasonable accommodation letter to be delivered to faculty to begin a private discussion regarding your specific needs in a course. You may request reasonable accommodations at any time, however, ODA notices of reasonable accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of reasonable accommodation for every semester and must meet with each faculty member prior to implementation in each class. Students are strongly encouraged to deliver letters of reasonable accommodation during faculty office hours or by appointment. Faculty members have the authority to ask students to discuss such letters during their designated office hours to protect the privacy of the student.  For additional information see the Office of Disability Accommodation website at <http://www.unt.edu/oda>. You may also contact them by phone at [940.565.4323](tel:940.565.4323).

Ways to succeed in this course at UNT**:**

* Show Up
* Find Support
* Be Prepared
* Stay focused

For further assistance, refer to [www.succeed.unt.edu](http://www.succeed.unt.edu).

Course Schedule

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| Monday | Wednesday | Friday |
|  | August 26th- Introduction and syllabus review | August 28th- Chapter One- Basic Elements of Anatomy |
| August 31st- Chapter One- Basic Elements of Anatomy | September 2nd- Chapter Two- Anatomy and Physiology of Respiration | September 4th- Chapter Two- Anatomy and Physiology of Respiration |
| September 7th- Labor Day- NO CLASS | September 9th- Chapter Two- Anatomy and Physiology of Respiration | September 11th- Chapter Two- Anatomy and Physiology of Respiration |
| September 14th- Chapter Two- Anatomy and Physiology of Respiration | September 16th- Chapter Two- Anatomy and Physiology of Respiration | September 18th- Chapter Two- Anatomy and Physiology of Respiration |
| September 21st- Chapter Two Review | September 23rd- EXAM #1 | September 25th- Chapter Three- Anatomy and Physiology of Phonation |
| September 28th- Chapter Three- Anatomy and Physiology of Phonation | September 30th- Chapter Three- Anatomy and Physiology of Phonation | October 2nd- Chapter Three- Anatomy and Physiology of Phonation |
| October 5th- Chapter Three- Anatomy and Physiology of Phonation | October 7th- Chapter Three- Anatomy and Physiology of Phonation | October 9th- Chapter Three- Anatomy and Physiology of Phonation |
| October 12th- Chapter Three- Anatomy and Physiology of Phonation | October 14th- Chapter Three- Anatomy and Physiology of Phonation | October 16th- Chapter Three Review |
| October 19th- EXAM #2 | October 21st- Chapter Four- Anatomy and Physiology of Articulation, Resonation, and Deglutition | October 23rd- Chapter Four- Anatomy and Physiology of Articulation, Resonation, and Deglutition |
| October 26th- Chapter Four- Anatomy and Physiology of Articulation, Resonation, and Deglutition | October 28th- Chapter Four- Anatomy and Physiology of Articulation, Resonation, and Deglutition | October 30th- Chapter Four- Anatomy and Physiology of Articulation, Resonation, and Deglutition |
| November 2nd- Chapter Four- Anatomy and Physiology of Articulation, Resonation, and Deglutition | November 4th- Chapter Four- Anatomy and Physiology of Articulation, Resonation, and Deglutition | November 6th- Chapter Four- Anatomy and Physiology of Articulation, Resonation, and Deglutition |
| November 9th- Chapter Four- Anatomy and Physiology of Articulation, Resonation, and Deglutition | November 11th- Chapter Four- Review | November 13th- EXAM #3 |
| November 16th- Chapter Five- Anatomy and Physiology of Hearing | November 18th- Chapter Five- Anatomy and Physiology of Hearing | November 20th- NO CLASS |
| November 23rd- Chapter Five- Anatomy and Physiology of Hearing | November 25th- Chapter Five- Anatomy and Physiology of Hearing | November 27th- Thanksgiving Holiday-NO CLASS |
| November 30th- Chapter Five- Anatomy and Physiology of Hearing | December 2nd -Chapter Five Review | December 4th- Reading Day- NO CLASS |

FINAL EXAM- WEDNESDAY DECEMBER 9th- 10:00-12:30

\*The above schedule, policies and assignments in this course are subject to change in the event of extenuating circumstances or by mutual agreement between the instructor and the students.