

Western Kentucky University
College of Health and Human Services
Department of Communication Disorders
1906 College Heights Blvd.
Bowling Green, KY 42101

CD 347 Science of Speech and Hearing Syllabus

Summer Session July 13 - Aug. 7

Online Chat Time: Thursdays 8:00pm CST

Office Location: Academic Complex, Room 108

Instructor: Jeffrey A. Barefoot, Au.D., CCC-A

Email: Jeffrey.Barefoot@wku.edu

Weekly Online Question and Answer Sessions

This course will hold weekly live online chat question and answer sessions on Thursdays at 8:00 pm CST through our class Blackboard site.

Course Description

The Science of Speech and Hearing is a 3-credit hour course that provides a foundation for the formal educational experience in communication disorders. Overview of the normal communication process including linguistic, psycholinguistic and sociolinguistic variables of speech and hearing. Students will be exposed to terminology and concepts relevant to the professions of communication disorders.

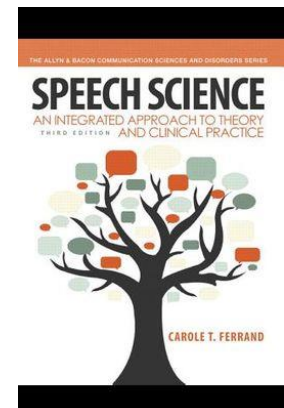
Course Objectives

Upon completion of this course, the successful student shall:

1. Describe the speech chain and other models for the normal speech process
2. Demonstrate understanding of the anatomical and physiological structures necessary for communication
3. Demonstrate a foundation of knowledge concerning acoustics
4. Demonstrate a foundation of knowledge concerning speech production and perception
5. Demonstrate understanding and application of terms and concepts fundamental to the professions of communication disorders

Required Text

Carole T. Ferrand. (2018). *Speech Science, An Integrated Approach to Theory and Clinical Practice*. New York: Pearson.



***NOTE* This course will utilize the online Blackboard system for content delivery and assessment. It is your responsibility to secure an adequate computer and internet access for this course**

Core Objectives

1. Discuss historical and current issues as they relate to the professions of communication disorders.
2. Describe fundamental models for the normal communication process.
3. Identify the human anatomical and physiological components necessary for the normal communication process.
4. Describe the fundamentals for understanding acoustics.
5. Identify the acoustic characteristics of speech.
6. Describe speech perception theory.

Evaluation

Final student grades will be determined from scores earned on learning checks and the comprehensive final exam. Final student grades will be assigned utilizing the grading scale below:

A	90-100
B	80-89
C	70-79
D	60-69
F	< 59

CD 347 Course Topic	Chapter	Learning Check	Date Posted	Date Due	% of Course Grade
Professional Issues	None	1	7/13	7/20	10%
Models of Speech Communication	None	2	7/13	7/20	10%
Acoustics	1	3	7/20	7/27	10%
Resonance	1	3			
The Respiratory System	2	4	7/20	7/27	10%
The Phonatory System	4	4			
The Articulatory System	6	5	7/27	8/3	10%
The Auditory System	8	6	7/27	8/3	10%
The Nervous System	10	7	8/3	8/7	10%
Speech Acoustics & Perception	12	8	8/3	8/7	10%
Comprehensive Final Examination			8/3	8/7	20%

Course Quality

You agree to contact me as soon as possible, at any time throughout the semester, to make me aware if you cannot answer “**strongly agree**” to any of the following measures I use to help make your learning experience the best I can:

- ✓ My instructor is organized and well-prepared for class.
- ✓ Expectations for course assignments are clear and specific.
- ✓ Assignments/exams are aligned with course learning objectives.
- ✓ This course has effectively challenged me to think.
- ✓ My instructor provides constructive feedback.
- ✓ Overall, my instructor is effective.
- ✓ My instructor treats me fairly with regard to race, age, sex, religion, national origin, disability, gender identity, and sexual orientation.
- ✓ I am learning a lot in this course.
- ✓ This course has clearly stated objectives.
- ✓ This course is helping me understand the connections between educational theory and practice.
- ✓ This course is helping me understand how to apply principles and concepts.
- ✓ The evaluation procedures used are consistent with those described at the beginning of the course.
- ✓ My instructor regularly uses exams, assignments, projects, class discussions, or other activities to measure progress.

Expectations

Poor attendance may result in grade reduction. All students are expected to attend and participate in all class activities throughout the semester. Classroom discussions are important to the learning experience for this course and every student is expected to contribute ideas to facilitate the learning process. Material covered during an absence is the student’s responsibility. Test examinations are only offered during class dates specified during the semester by the course instructor.

Special Notes:

This syllabus is subject to change at the instructor’s discretion.

Course information will be delivered from: Online recorded lectures, Blackboard, the required textbook, and other sources as mentioned during the course. The textbook is the major supplement to this class and your learning.

Late assignments or Make-up exams are NOT accepted unless the student has made prior arrangements with the instructor due to *extenuating* circumstances.

Academic dishonesty is not tolerated. Any violation of such will result in an F for the course and a recommendation to the department and university for immediate dismissal.

Students with disabilities

In compliance with university policy, students with disabilities who require accommodations (academic adjustments and/or auxiliary aids or services) for this course must contact the Office for Student Disability Services (OFSDS) in DUC A-200 of the Student Success Center in Downing University Center. The OFSDS telephone number is 270-745-5004 V/TDD.

Please DO NOT request accommodations directly from the professor or instructor without a letter of accommodation from the Office for Student Disability Services.