

**Course Title:** SCIENCE OF SPEECH & HEARING – WEB

**Course Prefix and Number:** CD 347

**Course Discipline:** Communication Disorders

**Instructor's Name:** Richard A. Dressler. M.S., CCC-SLP

**Semester and Year:** Summer, 2018

**Instructor's Office Number:** Academic Complex Room 108G

**Instructor's Telephone Number:** (270) 745-6280

**Instructor's E-mail Address:** richard.dressler@wku.edu

**Instructor's Office Hours:** By appointment

**Course Description:** Overview of the linguistic, psycholinguistic, and sociolinguistic variables of speech and hearing. Basic orientation to instruments for measuring acoustic parameters

**Course Rationale** Students who wish to pursue a degree in Speech-Language Pathology should have a basic understanding of the processes for producing, hearing, and understanding speech.

**Course Objectives:** Upon completion of the course, the student will be able to:

- A. Demonstrate knowledge of linguistic, physiological, acoustic, and auditory bases for speech,
- B. Identify the interrelationships between these processes, and
- C. Describe instrumentation techniques in physiological measurements and acoustic analyses.

**Course Policies and Schedules:**

**Attendance:** Students are expected to attend class as scheduled and to participate in class during discussions. Students should withdraw from class if unable to participate in class discussions.

**Plagiarism Policy:** The academic work of a student must be his/her own. One must give the author(s) credit for any source material used.

**Students with Special Needs:** A student must verify that he/she has a qualified disability through The Office of Student Disability Services, Garrett Conference Center Room 101, 1906 College Heights Blvd., Bowling Green, KY 42101-3576

**Program Accreditation:** The Council of Academic Accreditation (CAA), under the auspices of the American Speech Language Hearing Association (ASHA), has certified the Department of Communication Disorders at WKU as an authorized educational facility. If a student has a

comment or complaint, they may contact CAA at ASHA, 10801 Rockville Pike, Rockville, MD 20852.

Western Kentucky University (WKU) is committed to supporting faculty, staff and students by upholding WKU's Title IX Sexual Misconduct/Assault Policy (#0.2070) at <https://wku.edu/eoo/documents/titleix/wkutitleixpolicyandgrievanceprocedure.pdf> and Discrimination and Harassment Policy (#0.2040) at [https://wku.edu/policies/hr\\_policies/2040\\_discrimination\\_harassment\\_policy.pdf](https://wku.edu/policies/hr_policies/2040_discrimination_harassment_policy.pdf).

Under these policies, discrimination, harassment and/or sexual misconduct based on sex/gender are prohibited. If you experience an incident of sex/gender-based discrimination, harassment and/or sexual misconduct, you are encouraged to report it to the Title IX Coordinator, Andrea Anderson, 270-745-5398 or Title IX Investigators, Michael Crowe, 270-745-5429 or Joshua Hayes, 270-745-5121.

Please note that while you may report an incident of sex/gender based discrimination, harassment and/or sexual misconduct to a faculty member, WKU faculty are "Responsible Employees" of the University and **MUST** report what you share to WKU's Title IX Coordinator or Title IX Investigator. If you would like to speak with someone who may be able to afford you confidentiality, you may contact WKU's Counseling and Testing Center at 270-745-3159.

**Required Text:** Ryalls, J. & Behrens, S. (2000) *Introduction to speech science*. Allyn and Bacon: Boston.

<b>Assessment:</b>	Exam	(1)	200 points each	200 points
	Homework	(3)	25 points each:	<u>75points</u>
				275 points

**Grading Scale:**

The student's grade will be assigned using the following scale:

A=	93% (or more) of the total points
B=	85% (or more) of the total points
C=	77 % (or more) of the total points
D=	68% (or more) of the total points
F=	67% (or below)

**Course Schedule:**

Class schedule: Tuesday and Thursday  
7:00 – 8:00 pm CST  
on-line, (blackboard.wku.edu)

Class 1 (July 3)	Introduction to Speech Science	Chapters 1 - 2
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Class 2 (July 5)	Respiration & Phonation	Chapters 3 - 4
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Class 3 (July 10)	Articulation & Resonance <b>(Homework 1 due)</b>	Chapters 5 - 6
Class 4 (July 12)	Phonology & Prosody	Chapters 7 - 8
Class 5 (July 17)	Acoustic & Physiological Measurements <b>(Homework 2 due)</b>	Chapters 9 - 10
Class 6 (July 19)	Hearing & Speech Perception Neurolinguistics & Evolution	Chapters 11 -14
Class 7 (July 24)	Development of Speech & Disorders of Speech <b>(Homework 3 due)</b>	Chapters 15 – 16
Class 8 (July 26)	Computers & Role of the Speech Pathologist	Chapters 17 – 18
July 26 – July 30	<b>On-line exam</b>	