**Introduction to Speech Science Fall 2017**

**CSD 408, 2 credits**

**Class meeting time**: 3:00 – 3:50 p.m. Tuesday and Thursday CPS 210

**Professor**: Julia King, Ph.D., [jking@uwsp.edu](mailto:jking@uwsp.edu)

**Office**: 037 CPS (Dr. King)

**Office Hours:** Dr. King’s office hours TBD. I will send you an invitation to a Doodle Poll to determine good days/time. You may also schedule a meeting by writing your name on an open spot on the calendar on the office door.

**Phone**: 715-346-4657 (Dr. King)

**Graduate Assistant**: Nicole Zygarlicke; [Nicole.E.Zygarlicke@uwsp.edu](mailto:Nicole.E.Zygarlicke@uwsp.edu)

**Course Description**

You will learn about the acoustic and physiological elements of speech production and speech perception in this course.

**Learning Objectives:**

1. Each student will recall the anatomy and physiology of the speech mechanism as a basis for learning the concepts of speech science.

2. Each student will define terms related to sound, acoustics, speech perception and speech production.

3. Each student will explain the importance of analyzing speech related to clinical practice.

4. Each student will describe theories of speech perception.

**Required Text**

Ferrand, C. T. (2014). *Speech science: An integrated approach to theory and clinical practice*

(3rd ed.). Pearson Education: Upper Saddle River, NJ.

**Course Requirements**

1. **Exams**: There will be three exams. Each exam will be worth 20% of the final grade.

2. **Lab assignments**: There will be three graded lab reports based on lab assignments. Each report will be worth 10% of the final grade\*\*.

3. **In-class assignments**: 10% of the final grade will be based on in-class assignments. There will be multiple assignments throughout the semester. You may not make up any missed in-class assignments. You will earn a zero if you miss class on a day with an in-class assignment and are allowed to miss one assignment without it affecting your total assignment grade.

\*\*I grade all assignments on content, spelling, and writing style. There is a writing lab in the School of Communication Sciences and Disorders, in addition to the writing center on campus. Anyone needing help with writing is encouraged to attend the lab. Specific days and times for the lab will be determined during the second week of the semester.\*\*

**D2L**

You will find helpful resources on the class page on D2L. I will post grades throughout the semester on this site as well.

**Grades**

I determine grades by converting accumulated points into percentage scores. **I do not curve grades in this class.** Percentage scores will be assigned letter grades as follows:

A 93-100

A- 90-92.99

B+ 86-89.99

B 83-85.99

B- 80-82.99

C+ 76-79.99

C 73-75.99

C- 70-72.99

D+ 66-69.99

D 60-65.99

F less than 60

**Course Expectations**

Please read the 2-page handout about course expectations on D2L. Bring any questions you have to class on Day 2. I will ask you to sign a copy of this document acknowledging that you read and understand it and that you plan to meet these expectations in this course.

**Student Concerns**

If a student has a concern about a course or instructor, the first step is to talk to the instructor. If the situation remains unresolved, the student should talk to the Department Chair/Associate Dean of the department in which the course is taught. Because I am the current Associate Dean/Chair in the School of Communication Sciences and Disorder, students with any concerns about me as the instructor of the course should contact the Dean of the College of Professional Studies in CPS 110. Students can also contact the Dean of Students in 212 Old Main.

**Emergency Response Guidance**

In the event of a medical emergency call 9-1-1 or use Red Emergency Phone. Offer assistance if trained and willing to do so. Guide emergency responders to victim

In the event of a tornado warning, proceed to the inner hallway of the Speech, Language and Hearing Clinic on the ground level.

In the event of a fire alarm, evacuate the building in a calm manner. Meet at the Pointer dog statue. Notify instructor or emergency command personnel of any missing individuals.

Active Shooter/Code React – **Run/Escape, Hide, Fight**. If trapped hide, lock doors, turn off lights, spread out and remain quiet. Call 9-1-1 when it is safe to do so. Follow instructions of emergency responders.

**Tentative Course Schedule**

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| **Date** | **Topic** | **Reading** |
| **9/5, 7** | Introduction to course, What is Sound? | Chapter 1 p. 1-21 |
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| **9/12, 14** | Types and attributes of sound | Chapter 1 p. 21-44 |
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| **9/19, 21, 26** | Resonance | Chapter 2 |
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| **9/28,**  **10/3, 5, 10** | Acoustic characteristics of vowels and consonants | Chapter 3 |
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| **10/12** | **Exam 1** |  |
| **10/17, 19** | Acoustic analysis of articulation | Chapter 4 |
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| **10/24, 26, 31** | Acoustic characteristics of phonation | Chapter 5 |
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| **11/2, 7, 9** | Acoustic and visual analysis of phonation | Chapter 6 |
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| **11/14** | **Exam 2** |  |
| **11/16, 21** | Acoustic characteristics of respiration | Chapter 7 |
|  |  |  |
| **11/28** | Acoustic and visual analysis of respiration | Chapter 8 |
| **11/30** | Motor Speech Control in the nervous system | Chapter 11 |
| **12/5, 7, 12** | Speech Perception | Chapter 13 |
| **12/14** | Review |  |

**Final Exam Wednesday December 20, 2017 2:45 – 4:45 pm**