

**LURIE COLLEGE OF EDUCATION/DEPARTMENT OF  
COMMUNICATIVE DISORDERS & SCIENCES**

**EDSP 113, Speech Science, Section 03, Fall Semester, 2018**

**Course and Contact Information**

<b>Instructor:</b>	Kathleen Castillo, MA, CCC-SLP, BCS-, CBIS
<b>Office Location:</b>	N/A
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<b>Office Hours:</b>	By appointment only
<b>Class Days/Time:</b>	4:00 p.m-6:45p.m
<b>Classroom:</b>	Sweeney Hall (SH) 346
<b>Prerequisites:</b>	CDS major, upper division standing, or instructor consent.

**Course Format**

*This course is an in person course, designed to support primarily in person learning. Internet connectivity and a computer will be required. Access to Microsoft Word and Power Point is helpful in this class. Class assignments will be submitted on Canvas. Exams will be partially online and partially in class.*

**Faculty Web Page and MYSJSU Messaging**

Course materials such as syllabus, handouts, notes, assignment instructions, etc. can be found on [Canvas Learning Management System course login website](http://sjsu.instructure.com) at <http://sjsu.instructure.com>. You are responsible for regularly checking with the messaging system through Canvas to learn of any updates.

**Course Description:**

The goal of this course is to learn the analysis and measurement of the components and processes involved in the production and reception of speech.

**Rationale:** As clinicians you are required to have a solid foundation in the normal anatomy and physiology of speech production.

**Course Learning Outcomes**

Upon successful completion of this course, students will be able to:

The student will:

- 1) Demonstrate knowledge of the anatomy, physiology, and acoustics of speech including the processes of respiration, phonation, articulation, and resonance. (ASHA Standard IV-A, IV-B)

[ASHA 2014 CCC Standards](http://www.asha.org/Certification/2014-Speech-Language-Pathology-Certification-Standards/) related to EDSP 113 as indicated above can be found:  
<http://www.asha.org/Certification/2014-Speech-Language-Pathology-Certification-Standards/>

*Learning Activities: Exams, Lectures, Readings, Participation, Video, Assignments*  
*Portfolio Evidence: Graded Exam, Assignments*  
*Evaluation Criteria: Instructor Grading*

### Required Text:

Seikel, J.A., King, D.W., & Drumright, D.G. (2016). *Anatomy & Physiology for Speech, Language, and Hearing* (5<sup>th</sup> edition) San Diego, CA: Cengage Publishing Group.

Available at SJSU Bookstore. ISBN-978-1-285-19824-8 [software and book](#)

ISBN 13: 9781285198347 for book only. Also available online at:

[http://www.delmarlearning.com/browse\\_product\\_detail.aspx?catid=58700&isbn=1285198344](http://www.delmarlearning.com/browse_product_detail.aspx?catid=58700&isbn=1285198344)

### Suggested Resources: Lecture Outlines:

The purpose of these outlines is to provide you some help in following the lecture and improving your real-time comprehension of the material. Lecture outlines will be on the web, through Canvas. <http://sjsu.instructure.com>

**I HIGHLY RECOMMEND** you take advantage of this convenience.

[www.getbodysmart.com](http://www.getbodysmart.com)

### Library Liaison

Emily Chan

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Phone: 408-808-2651

[Library Guides](#)

<http://libguides.sjsu.edu/CDS>

### Course Requirements and Assignments

Assignments:	Due Date	Percent of course grade
Muscle Worksheet	Varied	15% Total
3 Exams	See Schedule	60% (25% ea)
Final Presentation	December 13th	25%

1. Students will take 3 exams throughout the course of the semester. Exams 1, 2, 3 are each worth 25% of the final grade
2. Students will complete Muscle worksheet provided by Instructor ( Origins & Insertions)
3. The final presentation is worth 25% of the final grade. (CLO 1)
4. Students are expected to attend all classes and contribute to class discussion

## Final Examination (15 minutes of Fame)

Students will work in small groups. The final presentation is due on the day of the final. The group will present a disorder that is due to an abnormal system that was reviewed in class (respiration, phonation, articulation/resonance, acoustics & neuro anatomy). Only 1 group can report on each of the areas. Presentation should be no more than 15 minutes and include a power point that briefly outlines the review of the bones, muscles, nerves and ligaments as they apply to the disorder chosen. Additionally, a brief explanation of the disorder as it relates to speech and/or language will be required. Video examples or pictures can be used. The group must use 5 resources (only 2 media and 3 research articles within the last 5 years)

## Grading Information:

Grading Policy: Grades will be determined using the point system detailed above. Your letter grade is based on the following scale.

A+	100% to 98%	A	97% to 94%	A-	93% to 90%	B+	89% to 87%
B	86% to 84%	B-	83% to 80%	C+	79% to 77%	C	76% to 74%
C-	73% to 70%	D	69% to 60%	F	59% & below		

- Note:** If final grade is within 0.04%, it will be rounded up. All work must be submitted on time, and completed in an acceptable and ethical manner. See Academic Integrity Statement. Late assignments will be subject to a 10% grade drop per day late, unless you provide valid proof of an exigent circumstance.
- At the discretion of the instructor, make-up exams will be given in cases of documented illnesses and/or emergencies.
- For illnesses, documentation must be in the form of a written note from your personal physician. For personal or family-related emergencies, an appropriate verification of the absence will be required. **Documentation must be procured within one week.**
- In case you are ill or have an emergency, please let me know your status **within 24 hours** after the missed exam date by email, phone, or in person. **Any notification after the 24-hour period will not be accepted, and you will not be able to make up the missed deadline.**

## Classroom Protocol

- In consideration of others in the class please arrive to class on time and make sure your cell phones are turned off or are on silent mode.
- You are responsible for obtaining copies of any class notes or handouts that were presented and distributed on a day you were absent.
- Read and use your green sheet.
- Be prepared and ready to answer questions during any given class
- Participate in class discussions by making comments, answering and asking questions
- Function as a good classroom citizen by respecting other opinions and being an active listener
- Communicate with me about concerns as they arise

## University Policies

Per University Policy S16-9, university-wide policy information relevant to all courses, such as academic integrity, accommodations, etc. will be available on Office of Graduate and Undergraduate Programs' [Syllabus Information web page](http://www.sjsu.edu/gup/syllabusinfo/) at <http://www.sjsu.edu/gup/syllabusinfo/>”

## EDSP 113 / Speech Science, Fall 2018, Course Schedule

- Topic coverage is flexible and strongly influenced by the pace of the class. Changes in the format and pace of the course during the semester are up to the discretion of the instructor.
- The green sheet is only a general plan for the semester and deviations announced to the class by the instructor (via email, Canvas and/or class lectures) may be necessary as the semester progresses.
- Remember to consult Canvas frequently for updates or announcements

### Course Schedule

Week	Date	Topics	Required Reading
1	8/23	Introduction Tissues and Systems	CH 1
2	8/30	Respiration: Anatomy & Physiology	CH 2 & 3
3	9/6	No Class	
4	9/13	Anatomy of Phonation Review for Exam 1	CH 4
5	9/20	<i>Exam 1</i>	
6	9/25	Physiology of Phonation	CH 5
7	10/4	Anatomy of Articulation & Resonance	CH 6
8	10/11	Physiology of Articulation & Resonance	CH 7
9	10/18	Anatomy of Hearing Review for Exam 2	CH 9
10	10/25	<i>Exam 2</i>	
11	11/1	Auditory Physiology	CH 10
12	11/8	Neuroanatomy	CH 11
13	11/15	Self-Study NO CLASS	
14	11/22	Self-Study NO CLASS	
15	11/29	Neurphysiology Review for Exam 3	CH 12
16	12/6	<i>Exam 3-</i> Muscles worksheet due	
Final Exam	<b>12/13</b>	<b>Final Examination 5:15 PM-7:30PM</b>	