

# San José State University

DEPARTMENT OF COMMUNICATIVE DISORDERS & SCIENCES

EDSP 161, Normal Processes of Speech, Language and Hearing, Section 01, Fall Semester, 2016

## Course and Contact Information

<b>Instructor:</b>	Anita Schaack MS CCC
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<b>Office Hours:</b>	Mondays 12-2
<b>Class Days/Time:</b>	Tuesday 9:00-11:45
<b>Classroom:</b>	Sweeny Hall 335
<b>Prerequisites:</b>	EDSP 113

**Course Description:** EDSP 161 is an introductory neuroscience course designed to provide basic knowledge and understanding of neuroanatomy and neurophysiology with special emphasis on the processes, which underlie swallowing, speech, language, hearing, cognition and vision across cultures.

The student shall demonstrate knowledge of human embryology, central, peripheral, and autonomic nervous system anatomy and physiology, underlying processes for vision, audition, speech and language, brain specialization, and instrumentation for neurological evaluation.

## Course Learning Outcomes

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

The student will:

CLO 1 The student shall demonstrate understanding of the anatomy, physiology, and acoustics of speech including the processes of respiration, phonation, articulation, and resonance (ASHA Standard IV-A, IV-B; Exams 1-2 and Assignments 1-3)

CLO 2 The student shall demonstrate knowledge of basic human communication and swallowing processes, pertaining to normal and abnormal human development across the life span. (ASHA Standard IV-A, IV-B; Exams 1-3 and Assignments 1-2)

CLO 3 The student shall demonstrate knowledge of communication and swallowing disorders and differences, including the appropriate etiologies, characteristics, anatomical/physiological in the areas of neurological disorders. (ASHA Standard IV-C; Exam 4 and Assignment 3)

ASHA 2014 CCC Standards related to EDSP 161 as indicated above can be found:  
<http://www.asha.org/Certification/2014-Speech-Language-Pathology-Certification-Standards/>

### Required Text

Love, Webb, & Adler, R. (2016). Neurology for the speech-language pathologist. (6<sup>th</sup> Ed.). St. Louis: Mosby-Elsevier.

### 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.

Seikel, J.A., King, D.W., & Drumright, D.G. (2010). Anatomy & Physiology for Speech, Language, and Hearing (4<sup>th</sup> edition)

- Available in electronic version at [www.coursesmart.com](http://www.coursesmart.com)

LaPointe L.L. (2012). Atlas of Neuroanatomy for Communication Science and Disorders. New York: Thieme Publishers.

Diamond, M. C., Scheibel, A. B., & Elson, L. M. (1985). The human brain-coloring book. New York: Harper & Row Publishers.

### Library Liaison

Geetali Basu

**E-mail:** [geetali.basu@sjsu.edu](mailto:geetali.basu@sjsu.edu)

**Phone:** 408-808-2651

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

### Course Requirements and Assignments

Assignments:	Due Date	Percent of course grade
4 Assignments	See Schedule	20% Total
4 Exams	See Schedule	80% (20% each)

1. Students will take an exam for each of 4 sections throughout the semester. Each exam will be worth 20% of the final grade.
2. Students will complete an assignment for each of 4 sections to be detailed in class. Assignments together total 20% of the final grade.
3. There will be one extra credit assignment option and extra credit on exams.

### Final Examination

Final examination will consist of the last written examination in the course.

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

- All assignments and exams must be submitted on time. **Late assignments will NOT be accepted.** 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 161 / Speech Science, Fall 2016, 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, Readings, Assignments, Deadlines
1	8/30	Introduction Structure of the Nervous System <span style="float: right;">Chapters 1 and 4</span>
2	9/6	Gross Neuroanatomy <span style="float: right;">Chapter 2</span> • CNS
3	9/13	Gross Neuroanatomy <span style="float: right;">Chapter 3</span> • CNS • PNS
4	9/20	Blood supply ( <b>Assignment 1 Due</b> ) <span style="float: right;">Chapter 3</span>
5	9/27	<b>Exam 1</b> Sensory System <span style="float: right;">Chapter 5</span>
6	10/4	Sensory System Visual System <span style="float: right;">Chapter 5</span>
7	10/11	Visual System <b>(Assignment 2 Due)</b>
8	10/18	<b>Exam 2</b> Cranial Nerves <span style="float: right;">Chapter 7</span>
9	10/25	Cranial Nerves Motor System <span style="float: right;">Chapter 6</span>

<b>Week</b>	<b>Date</b>	<b>Topics, Readings, Assignments, Deadlines</b>
10	11/1	Motor System Motor Disorders Chapter 8
11	11/8	Motor Disorders <b>(Assignment 3 Due)</b>
12	11/15	<b>Exam 3</b>
13	11/22	Human Communication Language Disorders Chapter 9 Chapter 10
14	11/29	Cognitive Disorders <b>(Extra Credit Assignment Due)</b> Chapter 10
15	12/6	Swallowing <b>(Assignment 4 Due)</b> Chapters 7 and 8
<b>Final Exam</b>	<b>12/16</b>	<b>Exam 4 In-Class 800-0930</b>