

San José State University

DEPARTMENT OF COMMUNICATIVE DISORDERS & SCIENCES

EDSP 161, Normal Processes of Speech, Language and Hearing, Section 01, Fall Semester, 2018

Course and Contact Information

Instructor:	Anita Schaack MS CCC
Office Location:	SH 438
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Email:	anita.schaack@sjsu.edu (preferred contact)
Office Hours:	Wednesdays 1-3 by appointment or by appointment
Class Days/Time:	Monday 9:00-11:45
Classroom:	Sweeny Hall 449
Prerequisites:	EDSP 113

Course Format

In-class format with requirement for internet connectivity and computer access.

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 and Goals

This course meets the 2014 Standards and Implementation Procedures for the Certificate of Clinical Competence in Speech-Language Pathology <https://www.asha.org/Certification/2014-Speech-Language-Pathology-Certification-Standards/>

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

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;

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)

Required Texts

Textbook

Rouse, M. (2016). Neuroanatomy for Speech Language Pathology and Audiology. Burlington: Jones & Bartlett Learning. ISBN: 978-1-284-02306-0

Other 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.

Love, Webb. & Adler, R. (2016). Neurology for the speech-language pathologist. (6th Ed.). St. Louis: Mosby-Elsevier. ISBN 978-0323-10027-4

LaPointe L.L. (2012). Atlas of Neuroanatomy for Communication Science and Disorders. New York: Thieme Publishers. ISBN 9781604066494

Diamond, M. C., Scheibel, A. B., & Elson, L. M. (1985). The human brain-coloring book. New York: Harper & Row Publishers. ISBN 9780064603065

Library Liaison:

Suzie Bahmanyar

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<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.

NOTE that [University policy F69-24](http://www.sjsu.edu/senate/docs/F69-24.pdf) at <http://www.sjsu.edu/senate/docs/F69-24.pdf> states that “Students should attend all meetings of their classes, not only because they are responsible for material discussed therein, but because active participation is frequently essential to insure maximum benefit for all members of the class. Attendance per se shall not be used as a criterion for grading.”

Final Evaluation:

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

Grading Information:

Determination of grades

- 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.**
- 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.**

Illness and Absence Policy for Exams

- 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 exam.**

Classroom Protocol

- [University Policy S12-7](http://www.sjsu.edu/senate/docs/S12-7.pdf), <http://www.sjsu.edu/senate/docs/S12-7.pdf>, requires students to obtain instructor's permission to record the course and the following items to be included in the syllabus:
- 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 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, Readings, Assignments, Deadlines
1	8/27	Introduction Structure of the Nervous System Chapters 3 and 4
	9/3	Labor Day -No School
2	9/10	Gross Neuroanatomy • The Cerebrum • Meninges Chapters 7 and 8
3	9/17	Gross Neuroanatomy • The Diencephalon, Basal Ganglia and Ventricles • Brainstem, Cerebellum, Spinal cord. Chapter 6 Chapter 5
4	9/24	PNS • Spinal and Cranial Nerves Blood Supply (Assignment 1 Due) Chapter 7 (pgs. 111-113)
5	10/1	Exam 1
6	10/8	Blood Supply Sensory System Chapter 11 (pg.180-182)
7	10/15	Sensory System Visual System Chapter 12 (Pg.188-190)
8	10/22	Visual System Cranial Nerves Chapter 7

Week	Date	Topics, Readings, Assignments, Deadlines
		(Assignment 2 Due)
9	10/29	Exam 2
10	11/5	Motor System. Chapter 11
	11/12	Veterans Day – No School
12	11/19	Motor System Motor Disorders Chapter 13 (pgs. 202-204) (Assignment 3 Due)
13	11/26	Exam 3
14	12/3	Language Disorders Chapter 12 (Extra Credit Assignment Due)
15	12/10	Cognitive Disorders Chapter 14 (Assignment 4 Due)
Final Exam	12/12	Exam 4 In-Class 800-0930