



California State University, Sacramento

Department of Communication Sciences and Disorders

UNDERGRADUATE SYLLABUS & COURSE OUTLINE

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| Semester/Year: Spring 2022 | Course: CSAD 127. Introduction to Medical Speech Pathology | Section: 03 |
| Meeting Days: MW | Meeting Times: 3:00 PM-4:15 PM | Location: Folsom Hall 1050 (first 2 weeks on Zoom) |
| Instructor: Dr. Lisa D'Angelo | Email: dangelo@csus.edu | Phone: 530-400-1970 Text is best, use for urgent matters |
| Office Location: Folsom Hall 2316 and home! | Office Hours/Appointments: Throughout the week by appointment | |

Catalogue Course Description:

CSAD 127. Introduction to Medical Speech Pathology. 3 Units

Prerequisite(s): [CSAD 123](#), [CSAD 125](#), [CSAD 126](#), [PSYC 2](#), [STAT 1](#), [CHDV 30](#), and [DEAF 51](#).

Term Typically Offered: Fall, Spring

Current concepts regarding anatomy and physiology, etiology, assessment, and treatment of craniofacial disorders, laryngectomy, tracheostomy and dysphagia.

Place of Course in Program

| <u>Sacramento State Baccalaureate Learning Goals for the 21st Century (BLG)</u> | Addressed by this course (Y/N) |
|--|--------------------------------|
| Competence in the Disciplines: <i>The ability to demonstrate the competencies and values listed below in at least one major field of study and to demonstrate informed understandings of other fields, drawing on the knowledge and skills of disciplines outside the major.</i> | Y |
| Knowledge of Human Cultures and the Physical and Natural World <i>through study in the sciences and mathematics, social sciences, humanities, histories, languages, and the arts. Focused by engagement with big questions, contemporary and enduring.</i> | Y |
| Intellectual and Practical Skills, including: <i>inquiry and analysis, critical, philosophical, and creative thinking, written and oral communication, quantitative literacy, information literacy, teamwork and problem solving, practiced extensively, across the curriculum, in the context of progressively more challenging problems, projects, and standards for performance.</i> | Y |
| Personal and Social Responsibility, including: <i>civic knowledge and engagement—local and global, intercultural knowledge and competence*, ethical reasoning and action, foundations and skills for lifelong learning anchored through active involvement with diverse communities and real-world challenges</i> | Y |
| Integrative Learning**, Including: <i>synthesis and advanced accomplishment across general and specialized studies</i> | Y |

Course Learning Outcomes:

UNDERGRADUATE

Mastery of each student-learning outcome listed below is indicated by a grade of C or better on each component of the corresponding measures listed in the table. Students are required to track their progress towards meeting each learning outcome and must make an appointment with the instructor for any grade equal to or less than a C. The instructor will suggest strategies to help you establish competence and knowledge in these areas.

Students should track their progress towards meeting each learning outcome by listing their grades on the table below over the course of the semester.

CSAD 127 SPECIFIC STUDENT LEARNING OUTCOMES:

1. recognize the speech-language pathologist's role, responsibilities and scope of practice within the medical setting.
2. recognize and understand types of medical reporting, documentation, and terminology.
3. identify health care personnel specific to the medical setting.
4. identify the anatomical, physiological, social, cultural, and psychological correlates of neurologically-based communication disorders that impact language, speech, cognition, voice, and swallowing.
5. explain assessment procedures (including imaging techniques, instrumentation, and formal/informal assessments) and management options for patients with neurologically-based communication disorders, dysphagia, head and neck cancer, and genetic syndromes.
6. identify anatomical structures specific to patient populations post-laryngectomy and prior to cleft lip and palate repair.
7. identify and differentiate various alaryngeal speech options post-laryngectomy.
8. interpret evidence-based practices specific to the assessment and management of patients in medical settings.
9. recognize ethical violations in medical speech pathology and understand presented solutions.
10. discuss surgical, prosthetic, and speech therapy options used to treat cleft lip and palate.

| Learning Outcomes | Components Indicating Competence | Grades Received |
|--------------------------|--|------------------------|
| 1,2,3, 8,9 | Test 1, Article Review1 Reflection 1 | |
| 1,2,3,4,5,6 8 | Test 2, Article Review2, in class activity x2 | |
| 7, 8, 9, 10 | Test 3, Article Review3 Reflection 2, in class activity | |
| 6, 7, 9, 10 | Test 4, Article Review 4, 5 | |

Textbooks and Materials:

- 1) Johnson, A. F., & Jacobson, B. H. (2017). *Medical speech-language pathology: a practitioner's guide*. Thieme. (AVAILABLE FREE ONLINE @LIBRARY)
- 2) Portions of this text will be posted : Kummer, A.W. (2013). *Cleft palate & craniofacial anomalies: Effects on speech and resonance*, 3rd ed. Singular Publishing, CA: Thomson Learning.
- 3) Articles/Chapters posted online

Course Resources:

CANVAS

Computer or smart device with internet connection

Course Requirements/Components:

1. Readings as assigned in texts
2. In-class activities
3. Article reviews
4. 4 examinations
5. Graded Reflection/Discussion/Participation points

**In class polling questions: You cannot participate and get points unless you are in class.

Grading Policy:

| <u>Source</u> | <u>Points</u> | <u>% of Grade</u> |
|---------------------------------|---------------|-------------------|
| Exam 1 | 100 | |
| Exam 2 | 100 | |
| Exam 3 | 100 | |
| Exam 4 | 100 | |
| Article reviews (5x20 each) | 100 | |
| Activities in class (3x20 each) | 60 | |
| Graded Discussions (4x10) | 40 | |
| Total | 500 | |

Letter grades are assigned according to the following scores

| | |
|-------------|----|
| 94.5 - 100 | A |
| 89.5 - 94.4 | A- |
| 86.5 - 89.4 | B+ |
| 83.5 - 86.4 | B |
| 79.5 - 83.4 | B- |
| 76.5 - 79.4 | C+ |
| 73.5 - 76.4 | C |
| 69.5 - 73.4 | C- |
| 66.5 - 69.4 | D+ |
| 63.5 - 66.4 | D |
| 59.5 - 63.4 | D- |
| Below 59.5 | F |

Course Policies/Procedures:

Attendance: This course involves verbal interaction among the students and the instructor. You cannot really “get” what was covered in class via classmates’ notes. Class attendance is required. Report absences to the instructor in person or via voice mail or email *prior to class meeting*. Working as a Speech-Language Pathologist requires being present, on time, and prepared. Practicing those skills now will prepare you for what this career will be like. If you do need to miss a class, you are responsible for all materials covered in your absence.

Class meetings and participation: Lecture + discussion + observation format will be followed. Active listening and problem solving is expected. In class polling will be utilized for integration of material.

We will also employ a somewhat Socratic method to facilitate critical thinking, stimulate discussion, and illuminate ideas.

Readings: You are responsible for all reading materials assigned. Not all assigned readings appear on this syllabus, as some short readings may be added during the course of the semester. You are expected to have completed the assigned readings *prior to class time* on topic discussion dates so that you are able to participate in discussion and ask questions.

Exams and Quizzes: A total of four (4) exams will be given during the semester. You are responsible for materials covered in required readings, classroom discussions, and handouts. Exams may include multiple choice, true/false, short answer, fill-in, and/or essay. Exams will be in-person in a paper format. You will be allowed one 3x5 inch notecard with notes on both sides to have during the test. This will be turned in as part of your exam. *No make-up examinations or quizzes are given unless there is a documented medical emergency for which you have written proof provided by a doctor. Any approved make-up exams will be scheduled in the Testing Center and may be administered in essay format. You will need to make the appointment to take the test at the Testing Center and there is a nominal cost to use that service (\$6.00).*

TENTATIVE Course Schedule/Outline:

| <i>Week</i> | <i>TOPIC</i> | <i>CHAPTER</i> | <i>ASSIGNMENT</i> |
|-------------|---|---------------------------------|-------------------|
| 1/24 | Intro to Medical Speech-Language Pathology | Johnson Text Ch 1 pp. 2-8 | |
| 1/31 | Medical Settings | Ch 15 and 16 | |
| 2/7 | Brain Imaging | Ch 3 | Article due 2/9 |
| 2/14 | Ethics and Collaboration, EBP | Ch 21 and 22 | Exam 1 2/16 |
| 2/21 | Neuro in a Nutshell Neuroplasticity, Theory and Practice | Ch 17 pp. 261- 265, 273-283 | Article due 2/22 |

| | | | |
|------|---|------------------------------|------------------|
| 2/28 | Dysphagia | Ch 10 | |
| 3/7 | Dysphagia | Ch 11 | Article due 3/9 |
| 3/14 | Left CVA, Right CVA, neoplasms | Ch 4, 5 Article Right CVA | Exam 2 3/16 |
| 3/21 | Spring Break , CSHA! | | Have fun!!! |
| 3/28 | TBI, Pediatric TBI, Concussion | Ch 7 and 8 | |
| 4/4 | Motor Speech Disorders | Ch 9 | Article due 4/6 |
| 4/11 | Head and Neck Cancer, Laryngectomy | Ch 12 and 13 | Exam 3 4/13 |
| 4/18 | Trachs and Vents | Ch 16 | |
| 4/25 | Cardiac Patients, Anoxia, Infections, Dementias | Ch 19 and 20 | Article due 4/27 |
| 5/2 | Cleft Palate | Kummer chapter | |
| 5/9 | Pediatric Feeding and Swallowing | Posted article | |
| 5/16 | Finals Week | | Exam 4 TBD |

Additional Information

Pandemic Response

Note: In the event a faculty member is not available during the semester for whatever reason, students will be contacted and advised how the course will proceed. This may include a change in instructor and/or modality.

Course Modality: All Spring 2022 CSAD courses are being taught synchronously. **For the first 2 weeks (at press time) the course will be taught on Zoom. After February 6, 2022, the class will be Face to Face.**

Attendance Policy: Students who become ill or are placed under quarantine during the COVID-19 pandemic will not be penalized. Please email me if you become sick, and follow the guidelines below.

Grading Policy: Course assignments (late work, due dates) will be adjusted so as not to penalize students who become ill or are placed under quarantine during the COVID-19 pandemic.

Health & Safety Information:

If you are sick, stay home. Notify your instructor. Please self-diagnose if you are experiencing any COVID- like symptoms (fever, cough, sore throat, muscle aches, loss of smell or taste, nausea, diarrhea, or headache) or have had exposure to someone who has tested positive for COVID contact Student Health & Counseling Services (SHCS) at 916-278-6461 to receive guidance and/or medical care. You are asked to report any possible COVID related illnesses/exposures to SHCS via this link COVID-19 Illness/Exposure Report Form. Expect a call from SHCS within 24 hours. The CDC provides a good source of information regarding COVID-19 and a way to self-check symptoms: <https://www.cdc.gov/coronavirus/2019-ncov/index.html>

Campus health and safety protocols regarding COVID-19 will be updated to match county, state, or CSU system standards. Please comply with campus requirements/protocols for vaccine certification and testing, indoor masking, physical distancing, COVID-19 symptom screening, contact tracing, and other safety measures to minimize the spread of COVID-19.

If you are attending an in-person class:

You must certify with the University that you are fully vaccinated or have an approved medical or religious exemption.

Masks are required for everyone, including the instructor, until the indoor mask mandate ends. According to the university, refusal to wear a mask is disruptive to the learning environment, and the Disruptive Student Behavior Policy will apply.

If you have any COVID-19-related symptoms or you are unvaccinated and have come into close contact with someone who has a confirmed positive COVID-19 test, please contact the Student Health Center or your medical provider. If you have symptoms, do not come to class until you have tested negative or have received clearance from the Student Health Center.

Illness due to COVID-19 or exposure to a confirmed positive individual that requires quarantine or isolation is a qualifying emergency and late work, make-up assignments, and virtual attendance will be allowed in consultation with me.

If you wish to confer privately with me about your vaccination, exposure, or positive test status, you should first affirm that you are voluntarily disclosing your medical information. Any information you share with me will be treated securely and only be shared with the Student Health Center to follow established safety protocols.

Commitment to Integrity:

As a student in this course (and at this university) you are expected to maintain high degrees of professionalism, commitment to active learning and participation in this class and also integrity in your behavior in and out of the classroom.

Sac State's Academic Honesty Policy & Procedures:

“The principles of truth and honesty are recognized as fundamental to a community of scholars and teachers. California State University, Sacramento expects that both faculty and students will honor these principles, and in so doing, will protect the integrity of academic work and student grades.” Read more about Sac State's Academic Honesty Policy & Procedures at the following website:

<http://www.csus.edu/umannual/student/stu-0100.htm>

Definitions: At Sac State, “cheating is the act of obtaining or attempting to obtain credit for academic work through the use of any dishonest, deceptive, or fraudulent means.” **Plagiarism** is a form of cheating. At Sac State, “plagiarism is the use of distinctive ideas or works belonging to another person without providing adequate acknowledgement of that person's contribution.” Source: Sacramento State University Library Note: Any form of academic dishonesty, including cheating and plagiarism, may be reported to the office of student affairs.

Understand When You May Drop This Course:

It is the student's responsibility to understand when he/she need to consider disenrolling from a course. Refer to the Sac State Course Schedule for dates and deadlines for registration. After this period, a serious and compelling reason is required to drop from the course. Serious and compelling reasons include: (a) documented and significant change in work hours, leaving student unable to attend class, or (b) documented and severe physical/mental illness/injury to the student or student's family. Under emergency/special circumstances, students may petition for an incomplete grade. An incomplete will only be assigned if there is a compelling extenuating circumstance. All incomplete course assignments must be completed by the department's policy.

Equal Access:

California State University-Sacramento, Department of Communication Sciences and Disorders, seeks to provide equal access to its programs, services, and activities for people with disabilities. If you have a documented disability and verification from the Office of Services to Students with Disabilities (SSWD), and wish to discuss academic accommodations, please contact your instructor as soon as possible. It is the student's responsibility to provide documentation of disability to SSWD and meet with a SSWD counselor to request special accommodation before classes start. **Sacramento State Services to Students with Disabilities (SSWD)** offers a wide range of support services and accommodations for students in order to ensure students with disabilities have equal access and opportunity to pursue their educational goals. Working collaboratively with students, faculty, staff and administrators, SSWD provides consultation and serves as the information resource on disability related issues to the campus community. SSWD is located in Lassen Hall 1008 and can be contacted by phone at (916) 278-6955 (Voice) or (916) 278-7239 (TDD only) or via email at sswd@csus.edu.

Inclusivity:

Students in this class are encouraged to speak up and participate online through Zoom classes or discussion posts. Each of us must show respect for each other because our class represents a diversity

of beliefs, backgrounds, and experiences. I believe that this is what will enrich all of our experiences together. I recognize that our individual differences can deepen our understanding of one another and the world around us, rather than divide us. In this class, people of all ethnicities, genders and gender identities, religions, ages, sexual orientations, disabilities, socioeconomic backgrounds, regions, and nationalities are strongly encouraged to share their rich array of perspectives and experiences. If you feel your differences may in some way isolate you from our classroom community or if you have a specific need, please contact me early in the semester so that we can work together to help you become an active and engaged member of our class and community. This text was adapted from CSU Chico and Winona State University's posts.

Basic Needs Support

If you are experiencing challenges in the area of food and/or stable housing, help is just a click, email or phone call away! Sacramento State offers basic needs support for students who are experiencing challenges in these areas. Please visit our Basic Needs website to learn more about your options and resources available. <https://www.csus.edu/basicneeds/>

Title IX:

The University requires faculty and staff to report any personal disclosures of sexual misconduct including rape, dating/domestic violence and stalking to the Title IX Coordinator. Students who do not wish to report their experience to me or the Title IX Coordinator may speak to someone confidentially by contacting Student Health and Counseling Services.

Sac State is committed to supporting students and fostering a campus environment free of sexual misconduct and gender-based discrimination. If a student chooses to disclose to a faculty or staff member an experience related to sexual misconduct which includes rape, relationship violence, or stalking, all faculty and staff are obligated to report this disclosure to the university's Title IX Coordinator. Sac State's Title IX Coordinator is Mary Lee Vance. Please email equalopportunity@csus.edu or (916) 278-5770. Upon receipt of the report, the Title IX Coordinator will contact you to inform you of your rights and options as a survivor and connect you with support resources, including resolution options for holding accountable the person who harmed you. Students who elect not to discuss their experience with the Title IX Coordinator can speak confidentially to the following confidential resources:

Student Health & Counseling Services at The WELL on Campus

Phone Number: 916-278-6461

Website: www.csus.edu/shcs

Campus Confidential Advocate – Laura Swartzen

Email: weave@csus.edu

On Campus Phone Number: 916-278-5850 (during business hours)

WEAVE 24/7 Hotline: 916-920-2952

Important Tips for Success as an Online Learner:

There are some basic technical skills and requirements that you will need to have to be successful in this online course. If you have difficulties using Canvas, please go through the Canvas Student Info Guide <https://community.canvaslms.com/t5/Student-Guide/tkb-p/student>.

- ***Begin planning now for private, uninterrupted time in your schedule*** to complete the assignments – preferably in at least one-hour blocks and at least three times a week. It can be easy to fall behind!
- *Check your email account regularly* for updated information. We will be using your CSUS email account for communication. Use CSUS e-mail for private messages to the instructor and other students.
- Read directions carefully.
- For online communication, conventions of on-line etiquette ("netiquette"), which include a courtesy to all users, will be observed. Please see the Student Guide in Canvas as above.

Accessibility/Equity: The goal for all of our students is for access to all information and remove as many barriers as possible to learning. If you feel that you have difficulty accessing the information for WHATEVER reason, please talk to me. We have ways of lending technology (through IRT), helping with disabilities and gaining accommodations (SSWD), and emergency needs for housing, food, etc. If it doesn't fall into those categories, please talk to me anyways: we can figure it out.

Other Resources

Testing Center: <https://www.csus.edu/testing/>

Library: <https://library.csus.edu/>

Services to Students with Disabilities: <https://www.csus.edu/sswd/>

Student Health and Counseling Services at The WELL: <https://www.csus.edu/shcs/>

Peer & Academic Resource Center: <https://www.csus.edu/parc/>

Student Academic Success and Education Equity Programs: <https://www.csus.edu/saseep/>

Case Manager, Office of Student Affairs: <https://www.csus.edu/student/casemanager/>

Knowledge and Skills Acquisition (KASA) For Certification in Speech-Language Pathology

CSAD 127 Introduction to Medical Speech Pathology

Standard IV-C: Speech, Language, Hearing, Communication, and Swallowing Disorders and Differences

- The student will demonstrate the ability to analyze, synthesize and evaluate knowledge re: phonology, articulation disorders (including the etiologies, characteristics, and anatomical physiological, acoustic, psychological, developmental, linguistic, and cultural correlates.)
- The student will demonstrate the ability to analyze, synthesize and evaluate knowledge re: voice and resonance disorders (including the etiologies, characteristics, and anatomical physiological, acoustic, psychological, developmental, linguistic, and cultural correlates.)
- The student will demonstrate the ability to analyze, synthesize and evaluate knowledge re: swallowing disorders (oral, pharyngeal, esophageal, and related functions, including oral function for feeding; orofacial myofunction,) including the etiologies, characteristics, and anatomical physiological, acoustic, psychological, developmental, linguistic, and cultural correlates.
- The student will demonstrate the ability to analyze, synthesize and evaluate knowledge re: cognitive aspects of communication (e.g., attention, memory, sequencing, problem solving, and executive functioning), including the etiologies, characteristics, and anatomical physiological, acoustic, psychological, developmental, linguistic, and cultural correlates.
- The student will demonstrate the ability to analyze, synthesize and evaluate knowledge re: communication modalities, including the etiologies, characteristics, and anatomical physiological, acoustic, psychological, developmental, linguistic, and cultural correlates.

Standard IV-D: Prevention, Assessment, and Intervention

- The student will demonstrate the ability to analyze, synthesize, and evaluate knowledge re: the principles and methods of prevention, assessment, and intervention regarding articulation.
- The student will demonstrate the ability to analyze, synthesize, and evaluate knowledge re: the principles and methods of prevention, assessment, and intervention regarding voice and resonance.
- The student will demonstrate the ability to analyze, synthesize, and evaluate knowledge re: the principles and methods of prevention, assessment, and intervention regarding swallowing (oral, pharyngeal, esophageal, and related functions, including oral function for feeding; orofacial myofunction).
- The student will demonstrate the ability to analyze, synthesize, and evaluate knowledge re: the principles and methods of prevention, assessment, and intervention regarding cognitive aspects of communication (e.g., attention, memory, sequencing, problem solving, and executive functioning).
- The student will demonstrate the ability to analyze, synthesize, and evaluate knowledge re: the principles and methods of assessment and intervention regarding communication modalities.

Standard IV-E, IV-G, IV-H: Contemporary Professional Issues

- The student will demonstrate the ability to analyze, synthesize and evaluate knowledge re: standards of ethical conduct.
- The student will demonstrate the ability to analyze, synthesize and evaluate knowledge re: contemporary professional issues and advocacy.

Standard IV-F: Research

- The student will demonstrate the ability to analyze, synthesize and evaluate knowledge re: processes used in research and integration of research principles into evidence-based clinical practice.

Standard IV-B: Basic Human Communication Processes

- The student will demonstrate the ability to analyze, synthesize and evaluate knowledge re: biological bases of human communication.
- The student will demonstrate the ability to analyze, synthesize and evaluate knowledge re: neurological bases of human communication.
- The student will demonstrate the ability to analyze, synthesize and evaluate knowledge re: acoustic bases of human communication.
- The student will demonstrate the ability to analyze, synthesize and evaluate knowledge re: psychological bases of human communication.
- The student will demonstrate the ability to analyze, synthesize and evaluate knowledge re: developmental/lifespan bases of human communication.
- The student will demonstrate the ability to analyze, synthesize and evaluate knowledge re: linguistic bases of human communication.
- The student will demonstrate the ability to analyze, synthesize and evaluate knowledge re: cultural bases of human communication differences.

Standard IV-B: Swallowing Processes

- The student will demonstrate the ability to analyze, synthesize and evaluate knowledge re: biological bases of human communication.
- The student will demonstrate the ability to analyze, synthesize and evaluate knowledge re: neurological bases of human communication.
- The student will demonstrate the ability to analyze, synthesize and evaluate knowledge re: psychological bases of human communication.
- The student will demonstrate the ability to analyze, synthesize and evaluate knowledge re: developmental/lifespan bases of human communication.
- The student will demonstrate the ability to analyze, synthesize and evaluate knowledge re: cultural bases of human communication differences.