



California State University, Sacramento

Department of Communication Sciences and Disorders

GRADUATE (AuD) SYLLABUS

Table 1: Class Information

Semester/Year: Summer/2024	Course: CSAD 130: Introduction to Audiology	Section: 50
Meeting Days: Tuesday & Thursday	Meeting Times: 2:00 PM-4:15 PM	Location: Folsom Hall 1049
Instructors: Hamid Motallebzadeh, Ph.D.	Email: h.motallebzadeh@csus.edu	Phone: 916-278-3589
Office Location: 2404E	Office Hours/Appointments: Monday, Wednesday and Friday 12:30-1:30 PM, 2:00-3:00 PM <u>by appointment only.</u>	

Catalogue Course Description

CSAD 130: Introduction to Audiology

3 Units

Prerequisite(s): CHDV 30, DEAF 51, PSYC 2, STAT 1, CSAD 110 and CSAD 111

Term Typically Offered: Summer only.

Description: Introduction to audiology; anatomy and physiology of the hearing mechanism; pathologies of the ear; basic acoustics of sound and its relation to hearing and speech; school hearing screening; hearing conversation; audiometric interpretation and its relationship to speech language and learning disorders.

Place of Course in Program

This course is ideally placed in the second semester of the junior year. Following CSAD 110 Phonetic Science and CSAD 111 Anatomy and Physiology, the Audiology and Hearing Testing course will use that knowledge and expand on it. This will then ready them for CSAD 133 Aural Rehabilitation. This is important to ensure that the students have an intimate knowledge of the auditory mechanism, its normal and abnormal function, and how to evaluate it. This is essential when assessing the receptive language systems.

Table 2: Sacramento State Graduate Learning Goals (GLG)

Sacramento State Baccalaureate Learning Goals for the 21st Century (BLG)	Addressed by this course (Y/N)
Competence in the Disciplines: 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.	Yes
Knowledge of Human Cultures and the Physical and Natural World through study in the sciences and mathematics, social sciences, humanities, histories, languages, and the arts. Focused by engagement with big questions, contemporary and enduring.	Yes
Intellectual and Practical Skills, Including: inquiry and analysis, critical, philosophical, and creative thinking, written and oral communication, quantitative literacy, information literacy, teamwork and	Yes

problem solving, practiced extensively, across the curriculum, in the context of progressively more challenging problems, projects, and standards for performance.	
Personal and Social Responsibility, Including: 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	Yes
Integrative Learning**, Including: synthesis and advanced accomplishment across general and specialized studies	Yes

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.

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

CSAD 130 specific student learning outcomes:

This course has been designed to be in direct support of the following American Speech-Language Hearing Association (ASHA) Knowledge and Skills Acquisition for certification in Speech-Language Pathology:

Mastery of each student learning outcome listed below is indicated by a grade of C (73-76%) 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.

1. Outline the history and contemporary practices related to the profession of audiology.
2. Explain the nature of sound, including concepts related to acoustics (e.g., pressure, intensity, frequency) and psychoacoustics (e.g., loudness, pitch, and binaural hearing).
3. Describe the basic principles of and the behavioral and physiological procedures used to assess the auditory and vestibular systems in infants, children, and adults.
4. Perform pure-tone audiometric testing in a sound-treated booth.
5. Interpret behavioral and physiological test results.
6. Describe disorders of the auditory and vestibular system that impact communication.
7. Discuss appropriate assessment and rehabilitation procedures for children and adults with hearing impairment.

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

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

CSAD 130 Introduction to Audiology

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: hearing disorders (including the impact on speech and language 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, screening, and intervention regarding hearing, including the impact on speech and language.

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.

Textbooks and Materials

Introduction to Audiology, 13th Edition, Frederick Martin and John Clark (Paperback or ebook)

ISBN: 0134695046

ISBN-13: 9780134695044

Authors: Frederick N Martin John Greer Clark

Course Requirements/Components

Course Format

Lecture.

Class Preparation

All required readings are for the date listed in the course schedule, not the following class period. Students are responsible for all assigned readings, whether discussed in class or not. Students are expected to actively participate in class discussions and are required to have read the assigned material prior to class meetings.

Class Attendance

Classroom attendance is necessary for this course. No more than three unexcused absences are allowed. Students are expected to arrive on time. Students must email the instructor if they are not able to attend the class and are responsible to learn the material that was covered during their absence. APIP will be initiated for students who do not meet the attendance policies.

Exams & Makeups

Exams take place in the classroom on the day of the exam or through the testing center on campus. Makeups are allowed only with documentation of need (e.g., doctor's note, police report). Make-up exams will be scheduled during the last week of classes and must be completed at the testing center (\$6). If you plan to take the exams in the Testing Center, make sure to book at least 2 weeks in advance, for the same day within 1 hour of the scheduled test hour. Exams are closed book with no prepared notes and composed of True/False, multiple choice, short answer, and descriptive questions. Students remain individually responsible for being aware of your exam dates and times posted in the course syllabus or announcements in the class or Canvas.

Course projects

Research is an important part of every class in the Au.D. program. Students are required to follow the APA format and use peer-reviewed research in all papers and written assignments.

Late Assignments

Late assignments are accepted with a 20% penalty per day late up to 5 days late (at which point the grade would be 0%). This is true for both individual and group assignments.

Audio Recording

Students may audio record lectures only if they have official accommodations.

Student travel policy

<https://www.csus.edu/college/health-human-services/communication-sciences-disorders/internal/documents/policy/csad-student-travel-policy.pdf>

If you are sick, stay home and do not attend class. 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. 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>.

Students must adhere to COVID-19 policies as described on the CSUS website. Please see <https://www.csus.edu/compliance/risk-management/coronavirus.html> and <https://www.csus.edu/return-to-campus/return-to-campus-faq.html> for more information and updates.

TENTATIVE Course Schedule/Outline

Table 3: Course schedule and outline

Date		Topic/Class Content	Reading	Assignment
06/4	Tuesday	Introduction to Course Syllabus review The profession of audiology	Syllabus Ch. 1	Survey <i>How much do you know about audiology?</i>
06/6	Thursday	Sound and its measurement	Ch. 2	
06/11 2:00-4:00	Tuesday	Clinic		
06/13 1:00-2:30	Thursday	Clinic		
06/18	Tuesday	Anatomy	Ch. 8-9	
06/20	Thursday	Anatomy	Ch. 9	Quiz #1
06/25	Tuesday	Anatomy	Ch. 10 & 11	Quiz #2
06/27	Thursday	Midterm 1		Assignment #1 <i>The journey of sound of the brain</i>
07/2	Tuesday	Hearing, Hearing loss and pure-tone audiometry	Ch. 3	
07/4	Thursday	Independence Day (Holiday)		
07/9	Tuesday	Speech Audiometry and masking	Ch. 4 & 5	Quiz #3
07/11	Thursday	Physiological tests	Ch. 6	Quiz #4
07/16	Tuesday	Physiological tests	Ch. 6	Quiz #5
07/18	Thursday	Midterm 2		Assignment #2 <i>Test battery</i>
07/23	Tuesday	Pediatric audiology	Ch. 7	
07/25 1:00-2:30	Thursday	Pediatric evaluations	Ch. 7	Clinic
07/30	Tuesday	Vestibular disorders	Ch. 13	Quiz #6
08/1 1:00-2:30	Thursday	Hearing aids Hearing conservation	Ch. 14	Clinic
08/6	Tuesday	Final Exam		Assignment #3 <i>How much do you know about audiology?</i>

Note: Clinical sessions on 6/11 will start at 2:00 PM, and on 6/13, 7/25, and 8/01, they will start at 1:00 PM. Make sure to be present in the clinic on time.

Grading Policy

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

The Final Grade will be based on a percentage of total points (500) and will be assigned as follows:

Table 4: Course Requirements and Grade Distribution

Source	Point	% of grade
Quizzes	6x10	12
Exams	3x100	60
Assignments	3x10	6
Clinical activity	40	8
Course project	40	8
Class attendance and activities	30	6
Total	500	100

Table 5: Course Grade Scheme

%	Letter
95– 100	A
90 – 94.99	A-
87 – 89.99	B+
83 – 86.99	B
80 – 82.99	B-
77 – 79.99	C+
73 – 76.99	C
70 – 72.99	C-
67 – 69.99	D+
63 – 66.99	D
60 – 62.99	D-
< 60	F

Quizzes

There will be 6 quizzes given throughout the semester including a combination of multiple-choice questions, short answer. The quizzes will be given at the beginning of classes on Canvas. There are NO MAKE-UPS.

Exams

There will be 3 exams given throughout the semester including a combination of multiple-choice questions, short answer and essays. The Exams will be given at the beginning of classes on Canvas. There are NO MAKE-UPS.

Assessments

There will be 3 assignments given throughout the semester including a combination of essay questions and reports. There are NO MAKE-UPS.

Clinical activity

You will be required to have your hearing tested at the MJRLSHC – Audiology Clinic. Submit your results on Canvas.

Project

Using the Audiology Clinic, you will complete a hearing exam on another student and submit a written report of that exam.

Class attendance and activities

Classroom attendance is necessary for this course. Students are expected to arrive on time. Students must email the instructor if they are not able to attend the class and are responsible to learn the material that was covered during their absence.

Students are expected to actively participate in class discussions. Some course components (e.g., in-class activities, discussions, etc.) require work in pairs or small groups. Students should be respectful and demonstrate professional behavior during class and in breakout rooms.

Online Resources

CSUS Library

Access to the CSUS Library is a requirement of this course. Please become familiar with library access and login information as quickly as possible. As a CSUS student you should have free access to the library and its resources. The Department has access to the Health Sciences Librarian Rachel Stark. She is available to you for assistance and questions on how to utilize the library effectively. <https://library.csus.edu/directory/rachel-stark>

CANVAS

This course is posted on CANVAS. All lecture material and required readings not in the textbook will be available only on CANVAS. Access to CANVAS is a requirement of this course. Laptops are available to loan out as needed. Please contact the Department for further information. Grades and statistics for the tests will be posted on CANVAS. Please forward interesting links to me as I will post them for the benefit of the entire class. All submissions must be in MS WORD.

Additional Information

Attitudes & Technical Skills Required:

You will find that the following attitude will significantly contribute to your success in this online class:

- A positive attitude towards technology.
- An open mind towards online resources.
- Willingness to share your experiences with others.
- Strong analytical and critical thinking skills for when you "get stuck".
- Resourcefulness - don't be afraid to explore and ask questions.
- Time management

Technical Assistance:

Seek help when you can't access Canvas or class materials.

- For technical assistance, contact the IRT Help Desk. Visit AIRC 2005 during [open hours](#) to speak with the IRT Service Desk Team, or call (916)278-7337. [IRT website.](#)
- For assistance with course materials, contact your instructor.

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: <https://www.csus.edu/umannual/student/stu-100.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, shall be reported to the [Office of Student Conduct](#).

Department Policy on Use of APA format

The Department of Communication Sciences and Disorders requires the use of the APA format and style. All students are required to reference the APA manual. All assignments are to be composed using APA format and style unless otherwise noted.

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.

Inclusivity:

Students in this class are encouraged to be active participants in all aspects of the course, including but not limited to lectures, synchronous and asynchronous activities, discussion posts, etc. Each of us must show respect for each other, as our class represents a diversity of beliefs, backgrounds, and experiences. This enriches all of our learning

experiences together. Our individual differences 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 the instructor early in the semester. Your instructor will work with you to ensure that you become an active and engaged member of our class and community.

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 Disability Access Center (DAC), 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 DAC and meet with a DAC counselor to request special accommodation before classes start.

Sacramento State Disability Access Center 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, DAC provides consultation and serves as the information resource on disability related issues to the campus community. DAC 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 dac@csus.edu

Basic Needs Support

If you are experiencing challenges with food, housing, financial or other unique circumstances that are impacting your education, help is just a phone call or email away! The CARES office provides case management support for any enrolled student. Email the CARES office at cares@csus.edu to speak with a case manager about the resources available to you. Check out the [CARES website](#).

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

CSUS Grading Policy

Information for students regarding grading is provided here:

<https://www.csus.edu/umannual/acad/umg05150.htm>

As an instructor, one of my primary responsibilities is to help foster a safe learning environment in the classroom and throughout our campus. It is my goal that you feel able to share information related to your life experiences in classroom discussions, in your written work, and in our one-on-one meetings. In this class, sexual topics may emerge in readings, assignments, and class discussions. Making a personal connection with the topics addressed in this class can be meaningful. However, please be advised that 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 the following confidential resources:

Other Resources

- The Office of Student Affairs maintains a list of campus resources/centers: <https://www.csus.edu/center/>
- Testing Center: <https://www.csus.edu/student-affairs/centers-programs/testing-center/>
- Library: <https://library.csus.edu/> for consultation: Rachel Stark, MS, AHIP, stark@csus.edu
- Disability Access Center: <https://www.csus.edu/student-affairs/centers-programs/disability-access-center/>
- Student Health and Counseling Services at The WELL: <https://www.csus.edu/student-life/health-counseling/>
- Student Academic Success and Education Equity Programs: <https://www.csus.edu/student-affairs/retention-academic-success/>
- Crisis Assistance and Resource Education Support (CARES): <https://www.csus.edu/student-affairs/crisis-assistance-resource-education-support/>
- CHHS Student Success Center: <https://www.csus.edu/college/health-human-services/student-success/>
- Reading & Writing Center: <https://www.csus.edu/undergraduate-studies/writing-program/reading-writing-center.html>
- Peer & Academic Resource Center: <https://www.csus.edu/student-affairs/centers-programs/peer-academic-resource/>
- SMART Thinking (tutoring resource): <https://www.csus.edu/student-affairs/centers-programs/degrees-project/internal/documents/smarthinking.pdf>