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**California State University, Sacramento**  
**CLINICAL METHODS: CURRENT TOPICS IN AUDIOLOGY**  
CSAD640 - 1 unit  
Fall 2020 (AUD-2)

**COURSE FACULTY**

**Course Instructor:**  
**Folsom Hall office #:**  
**Office Phone:**  
**Office Hours:**  
**E-mail address:**

**REQUIRED CLASS MEETINGS TIMES**

Days and times:  
Building: Folsom      Room #:

**REQUIRED TEXTS**

None

**OPTIONAL TEXTS**

**COURSE WEBSITE**

<https://sacct.csus.edu>

SacCT will be used as the learning management site for dissemination of course readings, handouts, slides, assignments, announcements, and tests/quizzes. The course faculty will have materials posted to SacCT at least 48 hours before class.

**Instructor Communication and Response Time**

Faculty strive to have open communication with students both within and outside of the classroom. Students are encouraged to contact faculty to discuss questions about the course. Responses to telephone or e-mail messages will usually be transmitted within 48 hours during regular working hours. If you do not have a response within this time period, please check your contact methods and resend the message. Faculty will generally respond to student questions received during evenings and weekends once they are back in the office during regular business hours.

**\*Please be aware that all content for this course is the property of the course faculty who have created it and can only be used for this course. Those wishing to use the materials outside of this course must receive written permission from the author/creator.**

**GENERAL COURSE INFORMATION**

**PRE-REQUISITES**

Admission to Doctor of Audiology program; CSAD610, CSAD620, CSAD630

**CO-REQUISITES**

CSAD640C

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## COURSE DESCRIPTION

### Overview

This methods course explores areas of audiology that have received recent clinical and/or research interest.

### Approved Course Description (from CSUS Course Catalog)

Review and discussion of current topics in audiology such as hidden hearing loss, cerumen management, tinnitus, speech perception in noise, central auditory processing, or technological advancements in amplification.

## WHY IS THIS COURSE IMPORTANT?

This methods course is important because it guides AuD students in reviewing current literature for its application to future clinical practice and research. As audiologists, it is important to be aware of advancements in research and clinical practice to ensure that patients receive the best and most appropriate care.

## UNIVERSITY LEARNING GOALS

Program Learning Outcome	1 Disciplinary knowledge	2 Communication	3 Critical thinking/analysis	4 Information literacy	5 Professionalism	6 Intercultural/global perspectives
Addressed by this course	X	X	X	X	X	X

## GRADUATE LEARNER OUTCOMES

Mastery of each student-learning outcome listed below is indicated by a grade of B 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 B. 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.

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

1. Review recent literature for topics of interest
2. Discuss the impact of selected topics on future clinical practice and/or capstone research
3. Discuss ways to incorporate research/clinical findings in current rotations

Graduate Learner Outcome	Component Indicating Competence	Grade(s) Received
1-3	Quiz (100%)	
1-3	Class activity (100%)	
1-3	Research presentation (100%)	

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**COURSE/CLASS POLICIES****Course Format**

Seminar

**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.

**Class Participation:**

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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 as class begins at X:XX am/pm.

### **Class Assignments**

Course grades will be based on quizzes, a research presentation, and graded class activities.

### **Research Presentation**

Students will select a topic on which to present in the final two weeks of class. The topic must be related to the topics covered in the course.

### **Quizzes**

Quizzes will be administered in class on the date listed in the course schedule.

### **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/AcademicHonestyPolicyandProcedures.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.

### **Accommodations**

Inform your instructor of any accommodations needed. If you have a documented disability and verification from the Office of Services to Students with Disabilities (SSWD), and wish to discuss

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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. 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](mailto:sswd@csus.edu)

### Course Requirement Grading

Activity	Points Available
Quizzes (10 points each x 5)	50
Research presentation	100
Class activities	50
<b>TOTAL COURSE POINTS AVAILABLE</b>	200

### Overall Percentage Needed

Note: A grade of "B" or higher is required to count toward the minimum number of units needed to advance to candidacy.

Grade	Percentage
A	93-100%
A-	90-92%
B+	87-89%
B	83-86%
B-	80-82%
C+	77-79%
C	73-76%
C-	70-72%
D+	67-69%
D	63-66%
D-	60-62%
F	< 60%

### COURSE SCHEDULE OF LECTURE TOPICS AND EXAMS

Date	Topic	Assignment or quiz due
8/26	Course overview: Topics covered	
9/2	Reviewing the literature	
9/9	Reviewing the literature (continued)	
9/16	Limitations of audiometry Hidden hearing loss	Ridley, C.L., Kopun, J.G., Neely, S.T., Gorga, M.P., & Rasetshwane, D.M. (2018). Using thresholds in noise to identify hidden hearing loss in humans. <i>Ear &amp; Hearing</i> . doi:10.1097/AUD.0000000000000543
9/23	Speech perception in noise	Carbonell, K.M. (2017). Reliability of individual differences in degraded

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		speech perception. <i>Journal of the Acoustical Society of America</i> , 142(5), EL461.
9/30	Suspected APD	Ahmmed, A.U. (2017). Intelligibility of degraded speech and the relationship between symptoms of inattention, hyperactivity/impulsivity and language impairment in children with suspected auditory processing disorder. <i>International Journal of Pediatric Otorhinolaryngology</i> . doi:10.1016/j.ijporl.2017.08.010.
10/7	Cochlear synaptopathy	Kujawa, S.G., & Liberman, M.C. (2015). Synaptopathy in the noise-exposed and aging cochlea: Primary neural degeneration in acquired sensorineural hearing loss. <i>Hearing Research</i> , 330(0), 191-199.  Liberman, M.C., Epstein, M.J., Cleveland, S.S., Wang, H., & Maison, S.F. (2016). Toward a differential diagnosis of hidden hearing loss in humans. <i>PLoS One</i> , 11(9). doi:10.1371/journal.pone.0162726.
10/14	Tinnitus, personalized sound therapies	Searchfield, G.D., Durai, M., & Linford, T. (2017). A state-of-the-art review: Personalization of tinnitus sound therapy. <i>Frontiers of Psychology</i> , 8, 1599.  Ibarra, D., Tavira-Sanchez, F., Recuero-Lopez, M., & Anthony, B.W. (2017). In-ear medical devices for acoustic therapies in tinnitus treatments, state of the art. <i>Auris Nasus Larynx</i> . doi:10.1016/j.anl.2017.03.020
10/21	Cerumen management	Prowse, S.J., & Mulla, O. (2014). Aural microsuction for wax impaction: Survey of efficacy and patient perception. <i>Journal of Laryngology and Otology</i> , 128(7), 621-625.  Johnson, C.E., Danhauer, J.L., Rice, E.N., & Fisher, S.K. (2013). Survey of audiologists and cerumen management. <i>American Journal of Audiology</i> , 22(1), 2-13.

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10/28	Cerumen management	Cerumen management lab
11/4	Research presentation	
11/11	Research presentation	
11/18	Research presentation	
11/23	No class	
12/2	Wrap-up	

Please note that dates, topics, and assignments are subject to change.

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