

San José State University
Department of Communicative Disorders and Sciences
EDAU 172 Intro To Aural Rehabilitation, Fall Semester, 2018

Course and Contact Information

Instructor:	Erin Nokes, Au.D.
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Office Hours:	Thursdays: 6:45p-7:45p
Class Days/Time:	Thursdays 4:00p-6:45p
Classroom:	Sweeney Hall 433
Prerequisites:	EDAU 115, EDAU 170, or instructor consent.
GE/SJSU Studies Category:	n/a

Course Format

Classroom based lecture. Curriculum available on Canvas via computer or tablet device via internet. Assignments will need to be uploaded to Canvas

Course Description

Theory and design of aural rehabilitation programs for deaf/hard of hearing children and adults.

Course Learning Outcomes

1. Knowledge of principles of communication
2. Knowledge of the effects of hearing loss on communication
3. Knowledge of evaluating communication handicap
4. Knowledge of hearing aids: models, processing strategies, benefits and limitations
5. Knowledge of room acoustics and the use of hearing assistance technologies that assist hard of hearing children and adults in difficult listening situations
6. Knowledge of the acoustic parameters of speech
7. Knowledge of the speech and language development of children with hearing loss, and the hierarchy of developing listening skills
8. Knowledge of therapeutic models for developing auditory learning
9. Knowledge of speech reading: assessment and intervention
10. Knowledge of cochlear implants: candidacy, benefits, troubleshooting
11. Knowledge of communication and education options for children with hearing loss

Required Texts/Readings

Textbooks

Tye-Murray, Nancy (2015). Foundations of Aural Rehabilitation. Fourth Edition. Required.

Madell, Jane and Flexer, Carol (2008). Pediatric Audiology: Diagnosis, Technology, and Management; Recommended, not required.

Chute, Patricia and Nevins, Mary Ellen (2006). School Professionals Working With Children With Cochlear Implants. Plural Publishing, San Diego. Recommended, not required.

Other Readings

Other Journal Articles and handouts will be assigned to supplement textbook readings

Course Requirements and Assignments

1. Complete assigned readings.
2. Complete one Adult Case Study assignment.
3. Complete one Child Case Study assignment.
4. Complete website review of cochlear implant (Cochlear Corporation, Med-El, Advanced Bionics).
5. (Extra Credit) Parent Advocacy Training.
6. Complete a mid-term examination
7. Complete a final examination.

Success in this course is based on the expectation that students will spend, for each unit of credit, a minimum of 45 hours over the length of the course (normally 3 hours per unit per week with 1 of the hours used for lecture) for instruction or preparation/studying or course related activities including but not limited to internships, labs, clinical practica. Other course structures will have equivalent workload expectations as described in the syllabus

Final Examination or Evaluation

A final examination will include material covered in the second half of the semester (cochlear implants, children with hearing loss, etc)

Grading Information

- Adult Case Study assignment (10 points)
- Child Case Study assignment (10 points)
- CI Website evaluations and review (10 points)
- Parent Advocacy Training (Extra Credit, 5 points)
- Mid-term examination (35 points)
- Final examination (35 points)

Grading Policy: Grades will be determined based on points (see above) earned through tests and assignments. Your letter grade will be based on the following scale.

A+	98-100	B+	87-89	C+	77-79	D	60-69
A	97-94	B	84-86	C	74-76	F	59 & below
A-	90-93	B-	80-83	C-	70-73		

All work must be turned in on time and completed in an acceptable and ethical manner. See Academic Integrity Statement. Late assignments will be subject to 10% grade drop per day late, unless you provide valid proof of

legitimate circumstance. At the discretion of the instructor, make-up exams will be given of documented illness and/or emergencies. For illness, a note from a medical professional will be required. For other emergencies, an appropriate verification will be required. ****In case you are ill and/or have an emergency, please let me know with 24 hours after missed exam date by email 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 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 this syllabus

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 others opinions and being an active listener

Communicate with instructor 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/>"

EDAU 172 / Intro to Aural Rehab, Fall 2018, Thursdays 4:00-6:45

- Topic coverage is flexible and influenced by the pace of the students in class. Changes in format and pace of the course during the semester are up to the discretion of the instructor.
- The course schedule (below) in a general plan for the semester and changes will be announced to the class via Canvas and/or class lectures
- It is critical to consult Canvas frequently for updates and announcements
- The required readings should be completed BEFORE the class lecture on the topic

Course Schedule

Week	Date	Topics, Readings, Assignments, Deadlines
1	8/23/18	Introductions, review of text, syllabus, requirements of course
2	8/30/18	Definitions of Aural/Auditory Rehabilitation & Demographics of Hearing Loss Review of Audiograms (types, degrees, configuration of hearing loss and speech audiometry) TYE-MURRAY CHAPTER: 1

Week	Date	Topics, Readings, Assignments, Deadlines
3	9/6/18	Adults with Hearing Loss, Communication Issues TYE-MURRAY CHAPTER: 2 & 3
4	9/13/18	Adult AR: Assessing Communication Difficulties & Teaching Communication Strategies TYE-MURRAY CHAPTERS: 5, 7, 8, 9 & 10
5	9/20/18	Hearing Aids: lecture 1 st half of class, hearing aid lab 2 nd half TYE-MURRAY CHAPTER 4
6	9/27/18	Room Acoustics & Hearing Assistance Technology (HAT), including FM/DM Systems: LAB Hearing aids +HAT HANDOUT: HAT (handout, from Educational Audiology Association (in Canvas))
7	10/4/18	Group AR & SpeechReading <ul style="list-style-type: none"> • <u>Adult Case Study DUE!</u> TYE-MURRAY CHAPTERS: 6, 11 & 12
8	10/11/18	MIDTERM/Cochlear Implant Documentary (required)
9	10/18/18	Cochlear Implants: Technology and Candidacy –watch cochlear implant surgery video in class (not required) Handout (will be posted in Canvas)
10	10/25/18	Cochlear Implants: Outcomes Handout (will be posted in Canvas) Website evaluations DUE!
11	11/1/18	Pediatric Hearing Loss: Demographics, Newborn Hearing Screening & EI Models <ul style="list-style-type: none"> • Cochlear Implant Webpage evaluations DUE! TYE-MURRAY CHAPTERS: 13, 14 & 15
12	11/8/18	Speech Acoustics & Listening Skill Hierarchies (Handout will be posted in Canvas)
13	11/15/18	Developing Listening Skills TYE-MURRAY CHAPTER 16
14	11/29/18	Speech & Language of Children with Hearing Loss TYE-MURRAY CHAPTER 17
15	12/6/18	Spillover of material & REVIEW <ul style="list-style-type: none"> • <u>Pediatric/Child Case Study DUE!</u> • <u>Extra credit Parent Advocacy Training DUE!</u>
Final Exam	12/13/18	5:15-7:30 – location to be announced