

Course: SPPA 480 Central Auditory Processing, 2 Semester Credits
Fall 2006
W 2:00-3:15 P.M., Bell Hall Room 183

Instructor: Darah Regal, Au.D., CCC-A
Assistant Professor of Audiology
Bell Hall 157A, Office hours by appointment
Phone: 471-3469 Office
E-mail - dregal@andrews.edu

REQUIRED TEXTBOOKS: Bellis, Teri, (2003) When the Brain Can't Hear, Simon & Schuster Adult Publishing Group

RECOMMENDED TEXTBOOKS: Foli, Karen, Hallowell, Edward, (2003) Like Sound Through Water, Simon & Schuster Adult Publishing Group

Course Description: Study of the people who have central auditory processing disorder (CAPD). Course will include basic knowledge of audiograms, including type and degree of hearing loss, educational options, classroom acoustics, IEP meetings, classroom management, home management, remediation option and ideas for coping with CAPD. The emphasis of the class will be on collaboration between educators, audiologists, speech-language pathologists and parents to determine best educational placement and curriculum for a child with CAPD.

Course Objectives: By the end of this course, you will be able to:

1. Explain basic audio-metrics including audiograms and audiological reports.
2. Determine educational significance of CAPD for a young school age children and adolescents.
3. Determine significance of classroom acoustics and ways to modify acoustics for optimal listening.
4. Determine social and employment impact for adults with CAPD.
5. Learn to collaborate with fellow professionals, children and parents to appropriately manage children with CAPD.

Course Requirements:

1. **Class Attendance:** Record will be taken during the first five minutes of class. Promptness is vitally important to the continuity of class discussion. If you find you will be unable to attend class, please notify the teacher prior to the class to make arrangements for making up the work and obtaining handout material. Two absences will be allowed. Absences beyond that will jeopardize your grade.
2. **Quizzes:** To be announced, usually bi-weekly.
3. **Examinations:** There will be three examinations throughout the quarter worth 75-100 points each. After they have been graded they will be distributed for your review.

Quizzes missed due to an excused absence will be prorated. Tests missed due to an excused absence may be made up within three days after the absence.

4. **Practical Assignments:** The assignments are due at the beginning of the class period on the day specified in the course outline.

Assignment 1 EARPLUG – hearing loss simulation. You will wear earplugs in the following environments: at least one meal with 4 or more people, two classes where note taking is typical, one auditorium setting, one conversation with someone unknown to you, and one television/movie show – volume set where someone with normal hearing would listen to it. Write a 1-2 page paper explaining your experiences. (20 points)

Assignment 2 Find 3 classrooms (one with excellent acoustic qualities, one with good-fair and one with poor acoustic qualities) on campus and listen to the acoustic qualities of the classroom. Rate the classroom for the following items: reverberation time, background noise, and acoustic clarity. Write a 1-2 page paper explaining/defending your classroom choices and how you made your determinations of excellent, good/fair and poor. (30 points)

Assignment 3 Research 3 tests for CAPD. Include information about who developed the test, what it is testing for and what type of remediation is recommended if a child/adult performs poorly on the test. Paper should be 6-8 pages typed with references. (100 points)

Assignment 4 Observations. You will observe 2 complete CAP evaluations and write a one page paper on what you learned and observed. (40 points)

5. Discussions, readings and assignments will be on the course Website.

More information will be given in class regarding how to access the website, use the site etc.

6. Other assignments as deemed necessary during the semester.

Late work will be discounted as follows: Assignments turned in within 24 hours of the due time will be discounted 5%. (Work turned in after class is considered late.) An additional 10% per day will be deducted until a 50% reduction has been reached (a total of 5 days late). No credit will be given for work turned in after that time.

6. Grading: Grades will be calculated on a percentage basis as follows:

94.0 - 100%	A
90.0 - 93.99%	A-
87.5 - 89.99%	B+
83.5 - 87.49%	B
80.0 - 83.49%	B-
77.7 - 79.99%	C+
73.5 - 77.99%	C
70.0 - 73.49%	C-
65.0 - 69.99%	D
Below 65%	F

7. Academic dishonesty including plagiarism, copying other students work, stealing quizzes or accepting stolen quizzes or exams is a serious offense. Possible consequences are a warning, reduced or failing grade, suspension or dismissal from the class, expulsion from the university, and/or degree cancellation.

8. Andrews University is committed to the education of all students on campus. If you qualify for accommodations under the American Disabilities Act, please see the instructor as soon as possible for referral and assistance in arranging such accommodations.

9. CELL PHONES and EATING in class. In an effort to make the most valuable use of your time and mine, I am requesting that

cell phones be turned off during class and that eating during class be discontinued. Cell phones ringing and/or vibrating are a distraction. If there is an emergency and you need to be reached by cell phone during class, you must discuss the emergency with me prior to class. Please plan to eat prior to class so that you can easily participate in class discussion and take notes.

Tentative Course Schedule

- Aug. 30 Introduction – What is CAPD?
- Sept 6 Hearing loss simulation, Basic audiogram, battery of tests to test hearing
- 13 Anatomy CAPD
- 20 Signs and symptoms
- 27 Overlap with other disorders
- Oct. 4 EXAM 1
- 11 Tests for CAPD – SSW, Phonemic Synthesis, Speech in Noise
- 18 Tests for CAPD – SCAN-A, SCAN -C, Pitch pattern recognition .
- 25 Tests for CAPD
- Nov. 1 EXAM 2
- 8 Remediation – Earobics, Fast For Word
- 15 Remediation – LindaMood Bell, phonemic synthesis

22 NO CLASS - THANKSGIVING

29 Remediation – Listening program,

Dec. 6 Coping

Final Exam – Wednesday, December 13, 2006, 1:30 – 3:40 p.m.