COURSE SYLLABUS
FALL 2014

Instructor:
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Office Address: SHS 238
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Office Hours: MTWRF 1:00 - 2:00

Course Information
Prerequisites: SHS 221 or permission from the instructor
Credit Hours: 3 credit hours
Course Description: This course is the second in a series of two amplification-related courses and presents additional information regarding the electroacoustic characteristics of hearing aids and assistive listening technology and their applications to the needs of individuals with impaired hearing.

Course Overview: The purpose of this course is to provide the AuD student with the necessary knowledge and skills to select, fit, evaluate, and verify amplification for adults. The course will give appropriate background information, as well as describe in detail the steps for hearing aid fitting and assessment of benefit. Clinical procedures for hearing aid fitting will be demonstrated and the student will be required to show proficiency with these clinical procedures. This course is required for graduate students in the Doctor of Audiology program, although this course may be appropriate for related disciplines.

Course Outcomes:
Upon successful completion of this course, an enrolled student will be able to:
1. Describe the stages of hearing aid fitting. [KASA-1 IV-E1, 2, 3, 5, 7, 8, 9, 10, 12, 13]
2. Determine hearing aid candidacy and propose an appropriate treatment plan. [KASA-1 IV-E2]
3. Describe the acoustical properties of earmolds/earshells. [KASA-1 IV-E8]
4. Recommend an appropriate earmold or earshell based on client’s hearing loss and special needs. [KASA-1 IV-E8]
5. Make an acceptable ear mold impression. [KASA-1 IV-E8]
6. Describe and perform appropriate hearing aid validation techniques including Test-box and real ear measures. [KASA-1 IV-E7]
7. Describe the hearing aid selection process and demonstrate the ability to select amplification with an appropriate prescriptive method. [KASA-1 IV-E8]
8. Describe and administer appropriate outcome measures. [KASA-1 IV-E11]
9. Describe the special hearing aid fitting considerations for fitting children with amplification. [KASA-1 IV-E5]
10. Describe special use hearing aids and identify the appropriate population for these devices. [KASA-1 IV-E8]

**Instructional Strategies:**
The course will consist of reading assignments, classroom review of reading assignments, classroom lectures, demonstrations, and hands-on laboratory exercises.

Course Communication: Course communication outside of the classroom will be primarily though e-mail, although students are encouraged to have face to face discussions of classroom issues during office hours or by appointment.

**Required Text and Readings:**
Journal articles: TBA.

**Class Procedures and Requirements:**
**Literature Review:**
Article presentation/review/grading process will be discussed at the first class meeting.

At each class meeting students may seek assistance from the instructor and/or discuss their special projects.

**EXAMINATIONS:**
A final examination will be given at the end of the semester. The exam content will be derived from the articles reviewed during the semester and from the special projects.

**Special Projects**
1. Article presentations. Students may be assigned articles (or may select an article on their own under the direction of the instructor) from the peer-reviewed literature to present in class in adherence to a format provided at the end of this syllabus. The presentation will be graded on a PASS/FAIL basis. A grade of PASS will carry a numerical value of 91 and a FAIL will carry a numerical value of 59. If the student doesn’t present an assigned article a numerical grade of 0 will be given.
2. Each student will assemble a notebook of all articles and reviews presented in class. The notebook will be graded on a pass/fail basis. A grade of PASS will carry a numerical value of 91 and a FAIL will carry a numerical value of 59. If the student doesn’t turn in a notebook, a numerical grade of 0 will be given.
3. Each student will develop a business plan. An example of a plan will be given to students as a handout early in the semester. The business plan will be graded on a pass/fail basis.
4. Each student will develop a cost analysis for an Audiology Private practice. The format and details for this analysis will be given to students as an EXCEL handout early in the semester. The completed cost analysis will be graded on a pass/fail basis. A grade of PASS will carry a numerical value of 91 and a FAIL will carry a numerical value of 59. If the student doesn’t turn in a cost analysis, a numerical grade of 0 will be given.
**Class Participation**
Class participation is graded by the instructor during each class meeting. The instructor may assign a value ranging from -10 to +10 for each class meeting. A zero would represent the appropriate expected level for a doctoral graduate student to participate in discussions, ask questions, etc. At the end of the semester, the total number of points for class participation is added to the student’s semi-final numerical grade. The instructor will inform students each time a negative value grade is awarded for class participation.

**Class Attendance Policy:** Students are expected to attend class on time and on a regular basis. You are expected to be active, professional participants in the teaching and learning process. The instructor retains the right to assign negative values for class participation that will be applied to the student’s final average. Any such assigned negative values and the behavior causing them will be communicated to the student immediately. Unexcused absences will not be permitted and will result in a -5% adjustment to the student’s final grade for each unexcused absence. Please contact the instructor if you plan to be absent. Tardiness of five minutes or more will result in -1% adjustment to the student’s final average.

**Evaluation Criteria:**

<table>
<thead>
<tr>
<th>Component</th>
<th>Available Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVG Journal article reviews</td>
<td>Numerical value 0 to 91</td>
</tr>
<tr>
<td>Article review notebook</td>
<td>Pass/Fail (0, 59/91)</td>
</tr>
<tr>
<td>Business Plan Project</td>
<td>Pass/Fail (0, 59/91)</td>
</tr>
<tr>
<td>Cost Analysis</td>
<td>Pass/Fail (0, 59/91)</td>
</tr>
<tr>
<td>Class Participation</td>
<td>-10 to +10 added to final average</td>
</tr>
<tr>
<td>Final Exam</td>
<td>Numerical value from 0 - 100</td>
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</tbody>
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**Final Average Grading Scale:**

- 90-100: A
- 80-89: B
- 70-79: C
- 60-69: D
- 0-59: F

**Late Assignments or Projects:** Late assignments or projects will not be accepted except in the case of emergency. A grade of 0% will be assigned to each component that is not completed.

**Remediation:**
Should formative assessments indicate that you are not meeting the objectives of the class, you may be required to participate in remedial activities designed to permit you to successfully complete the course (such as observation of others that are performing the task appropriately, assignment of additional literature review of the current topic area, or direct discussion of the topic area). Participation in those remedial activities, however, will not guarantee your successful completion of the course.
Academic Honesty:
“When cheating is discovered, the faculty member may give the student an F on the work involved or the course. If further disciplinary action is deemed appropriate, the student should be reported to the Dean of Students. In addition to being a violation of academic honesty, cheating violated the Code of Student Conduct and may be grounds for probation, suspension, and/or expulsion.” Students on disciplinary suspension may not enroll in any courses offered by The University of Southern Mississippi.”

ADA Policy:
If a student has a disability that qualifies under the American with Disabilities Act (ADA) and requires accommodations, he/she should contact the Office for Disability Accommodations (ODA) for information on appropriate policies and procedures. Disabilities covered by ADA may include learning, psychiatric, physical disabilities, or chronic health disorders. Students can contact ODA if they are not certain whether a medical condition/disability qualifies.

Address:
The University of Southern Mississippi
Office for Disability Accommodations
118 College Drive #8586
Hattiesburg, MS 39406-0001
Voice Telephone: (601) 266-5024 FAX: (601) 266-6035
Indivduals with hearing impairment: Mississippi Relay Service: 1-800-582-2233 (TTY)
E-mail Suzy Hebert at Suzanne.Hebert@usm.edu
SHS 622: Format for an article review: Experimental Design

Name: ________________________________

Date: ________________________________ Grade assigned by Instructor: _____

I. Author’s full name(s) (year of publication).

II. Journal name, volume, issue, page numbers.

III. Title of Article.

IV. Method

V. Brief Summary of Results
   A. What did the study show?

VII. Your comments
   A. Construct three questions (with correct answer identified) based on this article/document. [The final exam will derive from these.]
   B. Rank this article on its importance (1 = least important, 10 = most important) to the literature.
   C. VOTE: YES or NO - that this article should be included in a limited collection of articles on amplification and give a brief rationale for your vote.
Student’s Name:  Date:  GRADE: ____

I. Author’s full name(s)

II. Journal name, volume, issue, page numbers, year of publication.

III. Title of Article.

IV. Brief description of content (what is the article about?)

V. Brief Summary of author(s)’s Discussion/Conclusions/Recommendations

VI. Questions
   A. Construct three questions (with correct answer identified) based on this article/document. (the questions could be something you learned or something you knew already).
   B. Rank this article on its importance (1 = least important, 10 = most important) to the literature.
   C. VOTE: YES or NO - that this article should be included in a limited collection of articles on amplification and give a brief rationale for your vote.