

COURSE: SHS 308 [Instrumentation in Speech and Hearing Science], Fa '07

INSTRUCTOR: Dr. Terrio [Office- Rm 228 SRS Phone- 266-5216] [Office hours are posted to my door].

FORMAT: 3 hours credit, class lecture, small-group demonstrations and "hands-on" activities

TIME: T, Th Section 1 [11:00 am-12:15]

PLACE: TBA

TEXT: Classroom Instruction Material [available from the USM bookstore]

ACADEMIC HANDBOOK DESCRIPTION: Students use basic clinical and research instruments in a controlled setting. Functions and limitations of equipment, and appropriate equipment for specific clinical and research purposes are established.

ASHA KASA- Speech-language [3/2003] content

Standard III-D The applicant must possess knowledge of the principles and methods of... assessment and intervention for people with communication... disorders.

Objective: The student will demonstrate basic knowledge of selected instrumentation that can be incorporated into the clinical assessment and management of persons with communication disorders.

Indicator: The course instructor or a graduate assistant will directly observe the student demonstrate the use of selected clinical instrumentation during group meetings.

Target: 80% or higher level of accuracy

Indicator: The student will respond in writing to formative assessment items which require: (a) identifying background / historical information on device development, (b) identifying the parts of selected clinical devices, (c) interpreting data derived from these devices and / or (d) identifying variables that can affect instrumental measurements.

Target: 80% or higher level of accuracy

Computer Literacy Content [USM requirement]

| Assignment | Goal | Points |
|------------|--|--------|
| 1 | The student will demonstrate the ability to create a structured document- word processing | 2 |
| 2 | The student will demonstrate skill in electronic collaboration | 2 |
| 3 | The student will demonstrate the ability to create a structured document- spreadsheet | 2 |
| 4 | The student will demonstrate the ability to conduct online research | 4 |
| | The student will demonstrate the ability to operate basic software used in communication disorders [points awarded at the time of small-group meetings for Nasalance and Vff measurement modules]. | 10 |

See course schedule for computer literacy assignment due dates

FORMATIVE OUTCOMES ASSESSMENT: Learning outcomes will be formally assessed with 5 written examinations. Exams include "objective" [listing, short answer, fill-in-the-blank] items; half-credit is given for correct items that are misspelled. The exams are NOT cumulative. Tentative examination dates are listed at the end of this course outline. Please enter these dates in your calendar.

Small-group meetings are scheduled throughout the semester for "hands-on" experience with instrumentation. Students sign-up for Group A, B, or C early in the semester. Students earn 5 points for attending and participating in each small-group session. Be sure to enter your group meeting dates in your calendar.

GRADING: Your final grade is derived by adding points from the [a] written formative examinations [b] computer literacy assignments, and [c] small group meetings. A percentage score is computed on the basis of the total number of points [A=90-100% B=80-89% C=70-79% D=60-69%].
[Tests 1 – 5= 250 pts; Group sessions 1 – 5= 25 pts; Computer lit competencies: 10 pts; Total= 285 pts]

MAKE-UP EXAMS: There are no make-up exams in this course:

- A. If a student misses one test [eg., test 1, 2, etc.], the following test counts double;
- B. If a student misses the final test, the lowest test score from prior tests will count double;
- C. If a student misses more than one test, each missed test counts for zero points;

OFFICIAL USM STATEMENT: 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 or (228) 214-3232 Fax: (601) 266-6035, Individuals with hearing impairments can contact ODA using the *Mississippi Relay Service* at 1-800-582-2233 (TTY) or email Suzy Hebert [Suzanne . Hebert @ usm . edu].

From the USM Undergraduate Bulletin: "When cheating is discovered, the faculty member may give the student an F on the work involved or in 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 violates 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."

GENERAL:

If you choose to withdraw from this [or any course], please initiate proper "drop" procedures through the Registrar's Office. Instructors are required to assign a final letter grade of "F" to students who simply stop attending class.

Wednesday, October 3rd is the last day to drop any Fall course without academic penalty.

Bring a basic calculator with a log function to all meetings. Calculators can be used during formative assessments, but cannot be shared among students. Cell phones cannot be used as calculators during formative assessments.

Students are encouraged to spend additional time with the equipment during intervals when the class does not meet as a group. A graduate student may be available to assist upon request.

Please do not ask your instructor for your final grade. Final grades are available through your on-line SOAR account.

Please do not ask to take any exam early.

The best time to ask questions is either during or immediately after class.

Please switch-off cell phones during class and group meetings and formative assessments.

Please adopt a "buddy" [a fellow class member] to "cover" for you when you're absent from course activities. Your buddy should pickup any handouts and take notes for you. Students are responsible for material covered during an absence.

A student with special medical problems should either contact his/her buddy or the instructor so we'll know what to do in a medical emergency.

Tentative schedule of **class meetings**, individual small group meetings and examinations:

| | | |
|---|------------------------------|-------------------------------|
| Th Aug 23- First Class Meeting | Tu Oct 2- Group B | Tu Nov 13- Group C |
| Tu 28- Computer literacy | Th 4- Group C | Th 15- Test 4 |
| Th 30- Computer literacy | Tu 9- Test 2 | Tu 20- Tympanometry |
| Tu Sep 4- Comp lit [assignments due] | Th 11- Vocal Analysis | Tu 27- Group A |
| Th 6- Tape Recorders | Tu 16- Group A | Th 29- Group B |
| Tu 11- Group A | Tu 23- Group B | Tu Dec 4- Group C |
| Th 13- Group B | Th 25- Group C | Th 6- Test 5 |
| Tu 18- Group C | Tu 30- Test 3 | |
| Th 20- Test 1 | Th Nov 1- Amp Systems | No final exam in this course. |
| Tu 25- Nasometry | Tu 6- Group A | |
| Th 27- Group A | Th 8- Group B | |