APPLICATION FOR CHANGE IN EXISTING COURSE: MAJOR AND MINOR

1. Submitted by the College of  Health Sciences  Date: 6/15/02

Department/Division offering course  Rehabilitation Sciences/Communication Disorders

2. Changes proposed:
   (a) Present prefix & number: CD 591  Proposed prefix & number: CD 691
   (h) Present Title: Aural Rehabilitation  
       New Title: No change
   (i) If course title is changed and exceeds 24 characters (including spaces), include sensible title (not to exceed 24 characters) for use on transcripts:  NA
   (d) Present credits: 3  Proposed credits: 3
   (e) Current lecture: laboratory ratio 3:0  Proposed: 3:0
   (h) Effective Date of Change: (Semester & Year)  Summer 2004

3. To be Cross-listed as:  N/A  
   (Prefix and Number)  (Signature: Dept. Chair)

4. Proposed change in Bulletin description:
   a. Present description: (including prerequisite(s)): Introduction to management strategies, exclusive of language, for the hearing impaired. Topics include variables affecting hearing handicap; hearing aid characteristics, selection and orientation; acoustic and visual aspects of speech; auditory and visual perception; assessment and management of problems resulting from hearing loss across the lifespan. Pre-req. CD 587.
   b. New description: Management strategies for people with hearing loss. Topics include: variables affecting hearing handicap; characteristics, selection, counseling, and orientation in regard to amplification systems; acoustic, perceptual and visual aspects of speech; assessment and management of problems resulting from hearing loss across the lifespan.
   c. Prerequisite(s) for course as changed: CD 420 or consent of instructor.

5. What has prompted this proposal?
The Division of Communication Disorders is submitting concurrent proposals to revise the undergraduate and graduate programs. The accreditation standards of the American Speech-Language-Hearing Association strongly recommend that at least one audiology course be taught at the graduate level. The old curriculum has no required audiology course at the graduate level. The change in prerequisite course is requested because CD 587 is no longer in the curriculum. The course description is an update representing changes in discipline knowledge and practice and an expansion of content including amplification, assistive listening devices and implants, philosophy of education of the deaf and hoard of hearing, deaf culture, etc.

6. If there are to be significant changes in the content or teaching of this course, indicate changes:  See attached topic outline.

7. What other departments could be affected by the proposed change?  N/A

8. Will changing this course change the degree requirements in one or more programs?  yes
If yes, please attach an explanation of the change.

This course will be required for a Master's degree in Communication Disorders, and CD 591 will no longer be required for the B.H.S. in Communication Disorders. Please refer to program summary that details the entire curriculum revision for the Division of Communication Disorders.

9. Is this course currently included in the University Studies Program? No
   If yes, please attach correspondence indicating concurrence of the University Studies Committee. NA

10. If the course is a 100-200 level course, please submit evidence (e.g., correspondence) that the Community College System has been consulted.

*Note: Approval of this change will constitute approval of the program change unless other program modifications proposed.

11. Is this a minor change? No
    (NOTE: See the description on this form of what constitutes a minor change. Minor changes are sent directly from the Dean of the College to the Chair of Senate Council. If the latter deems the change not to be minor, it will be sent to the appropriate Council for normal processing.)

12. Within the Department, who should be consulted for further information on the proposed course change?

   Name: Jodelle Deem, Ph.D. Phone Extension: 257-7923

   Signatures of Approval:

   [Signature]
   Department Chair

   [Signature]
   Dean of the College

   [Signature]
   Date

   [Signature]
   Date of Notice to the Faculty

   [Signature]
   Date

   [Signature]
   Date

   [Signature]
   Date

   [Signature]
   Date

   [Signature]
   Date

   **Undergraduate Council

   **Graduate Council

   **Academic Council for the Medical Center

   **Senate Council

   **If applicable, as provided by the Rules of the University Senate.

   ACTION OTHER THAN APPROVAL

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   The Minor Change route for courses is provided as a mechanism to make changes in existing courses and is limited to one or more of the following:
a. change in number within the same hundred series;
b. editorial change in description which does not imply change in content or emphasis;
c. editorial change in title which does not imply change in content or emphasis;
d. change in prerequisite which does not imply change in content or emphasis;
e. cross-listing of courses under conditions set forth in item 3.0;
f. correction of typographical errors. [University Senate Rules III - 3.1]
CD 691 - Aural Rehabilitation

Course Objectives: Students will learn the principles of:

1) amplification including personal and group systems,
2) trouble-shooting techniques for amplification systems,
3) hearing aid orientation,
4) assistive listening devices,
5) speech and soundfield acoustics,
6) hearing-handicap assessment,
7) social, vocational, psychological needs of the hearing-impaired,
8) auditory/visual recognition of speech

Readings - The required text is Introduction to Audiologic Rehabilitation, by Ronald Schow and Michael Nerbonne, 1996, Boston:Allyn and Bacon

Evaluation Procedures:

a) 400 pts - 2 examinations (200 pts each) consisting of short answer, fill in the blank, true/false, matching and/or multiple choice questions.

b) 300 pts - A comprehensive final exam in the same format described above.

c) 100 pts - Information Search

Conduct a literature search using the Psych, Medline, and/or ERIC databases on some topic related to Aural Rehabilitation. Choose two search articles to read and compose a one page summary for each. The entries must be journal articles and must be on the same topic. Find 5 web sites on the same topic and summarize the 5 sites on one page. More specific information can be obtained on the web page under Information Search.

d) 100 pts- Rehab Experience-Due Thursday, June 28, 2001

Observe one aural rehabilitation activity with children and/or adults and write a two-page summary of the experience relative to class material. Observation sessions must be arranged with the instructor.

e) 100 - Three practicum check-offs
   1) Hearing Aid Troubleshooting (34 pts)
   2) FM System Set up (33 pts)
   3) Classroom Sound Level Measurements (33 pts)

f) Final Grade - Perfect performance would be a total point score of 1000.

For each assignment, and for the final course grade, letter grades will be calculated as follows:

A = 90 - 100
B = 80 - 89
C = 70 - 79
D = 60 - 69
E = below 60
Additional Information - Make-up exams will not be given. Incompletes will be given only in extenuating circumstances and must be requested in writing. Late assignments NOT BE ACCEPTED and evidence of academic dishonesty will result in no credit for the exam or assignment. Academic dishonesty includes cheating, plagiarism, collusion, and falsifying academic records. Please consult the course schedule and catalogue for information on withdrawals, incompletes, and academic honesty.

Accommodations-If you require any modification to the class activities including lectures, discussions, exams, and assignments in order to accommodate specific learning needs, please notify me by the end of the first week of class in person or by email and provide documentation. I will be happy to make whatever arrangements are needed to facilitate learning and participation in the class.

APPROXIMATE COURSE OUTLINE

Introduction

Effects of Hearing Loss (Chapter 1)
I. Tools to Quantify Hearing Loss
II. Ways to Describe Hearing Loss
III. Main Effects of Hearing Loss
IV. Secondary Effects of Hearing Loss

Personal Amplification Systems (Chapter 2)
I. Physical Aspects
II. Electroacoustic Aspects
III. Hearing Aid Use
IV. Troubleshooting Experience

Group Amplification Systems (Chapter 2)
I. Rationale
II. Types
III. Use of FM Systems

Assistive Listening Devices (Chapter 2)
I. Definition
II. Sensory Modalities
III. Devices

Communication and Perception Model
I. Definition
II. Basic Communication Process
III. Information Processing
IV. Perception Model
V. Theories of Perception
Auditory Recognition of Speech (Chapter 3)
I. Effects of Absolute Sensitivity
II. Effects of Differential Sensitivity

Visual Recognition of Speech (Chapter 4)
I. Information Available
II. Influencing Factors
III. Aspects of the Code/Stimulus

Auditory/Visual Recognition of Speech
I. Influencing Factors
II. Visual Training
III. Auditory Training
IV. Auditory/Visual Training

Intervention with Hearing-Impaired Children
I. Philosophy
II. Intervention Plan (Chapter 7)
III. Speech/Language Characteristics (Chapter 5)
IV. Education Performance (Chapter 8)
V. Inservice Needs (Chapter 11)

Aural Rehabilitation of Adult and Elderly Clients
I. Philosophy (Chapter 6)
II. Assessment (Chapter 9)
III. Changes with Aging (Chapter 10)
IV. Rehab Programs (Chapter 12)

Knowledge Base:
By the end of the course the student will:

1. List the different professionals and individuals involved in the habilitative/rehabilitative process and be able to briefly describe their functions.
2. Summarize the aural rehabilitative process for both children and adults and the basic processes behind an aural rehabilitation program.
3. List and describe the effects of hearing loss on speech production, speech perception, and language.
4. Understand the different philosophies of the education of the Deaf & Hard of Hearing, and Deaf Culture.
5. Understand the operation, use and care of hearing aids.
6. Describe and understand the different types of assistive technology used with children and adults.
7. Understand the programs and aural rehab procedures used with children with hearing loss.
8. Understand the programs and aural rehab procedures used with adults with hearing loss.