CATALOG YEAR 2005-2006
(Please use separate form for each add/change)

COLLEGE/SCHOOL: College of Education
Current Catalog Page(s) Affected: Page 378
Course: Add: EDCD 3321 Delete:
(check all that apply) Change: Number ____ Title ____ SCH ____
Description ____ Prerequisite ____

If new, provide Course Prefix, Number, Title, SCH Value, Description, prerequisite, and
lecture/lab hours if applicable. If in current catalog, copy and paste the text from the
and indicate changes in red.

Program: Add: ______ Change: ______ Attach new/changed Program of Study description
and 4-year plan. If in current catalog, copy and paste the text from the
and indicate changes in red.

If in current catalog, copy and paste the text from the
and indicate changes in red.

Faculty: Add: _____ Delete: _____ Change: _____ Attach new/changed faculty entry.
If in current catalog, copy and paste the text from the
and indicate changes in red.

College Introductory Pages: Add information: ____ Change information: ____
Attach new/changed information. If in current catalog, copy and paste the text from the
and indicate changes in red.

Approvals:  Signature  Date
Chair                                                 10/20/05
Department Curriculum Committee
Chair                                                 10/20/05
Department
Chair                                                 10/20/05
College Curriculum Committee
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EDCD 3321
Anatomy and Physiology of the Speech Mechanism
Three semester hours.
This course focuses on the major anatomical structures and physiological systems that support speech production. Specific emphasis is placed on the unique neuromuscular adaptations and species-specific behaviors associated with speech production.
EDCD 3321: Anatomy and Physiology of the Speech Mechanism

Course Description:
Anatomy is the study of the structure of the organisms and the relationships of their parts. Physiology is a specialized discipline of biology, which is concerned, with the functions of living organisms. Speech is a dominant and unique human behavior and the physiological processes underlying normal speech production need to be understood is one is to understand disordered speech production.

This course focuses on the major anatomical structures and physiological systems that support speech production. Specific emphasis is placed on the unique neuromuscular adaptations and species-specific behaviors associated with speech production. This course is designed to be consistent with the principle that academic and clinical education should provide students with learning experiences that will orient them to provide service in an effective, ethical, legal and safe manner.

Course Outline:

- Introduction and Orientation
- Cytology, tissues, Muscles, and Nerves
- The Respiratory/Pulmonary System
- The Laryngeal System
- The Articulatory System
- The Central Nervous System


Course Outcomes:
At the completion of this course, students will be able to:

A. Define anatomical terminology
B. Summarize embryologic development of the face and palate
C. Describe the skeletal support and musculature of the respiratory system
D. Describe quiet and speech breathing processes
E. Explain the development of the respiratory system
F. Describe the laryngeal system
G. Describe the articulatory system
H. Describe the muscles of the face, tongue and velopharyngeal system
I. Explain and describe the general morphology of the cerebral cortex and brain stem
Grading:  
There will be three multiple choice type examinations. All examinations are equally weighted.

GENERAL INSTRUCTION POLICIES:

Absences: Attendance will be checked regularly. More than three absences will result in the dropping of a test score by one letter grade. The student is responsible for all class work and assignments made during the student's absence. If late to class, it is the student's responsibility to ensure that he/she has not been counted absent for that day.

Assignments: All assignments are due at the beginning of the class period of the due date.

Cellular phones and pagers: Please turn them off during the scheduled class time.

Conference: Either the instructor or the student may request appointments.