

College Document # _____

UCC Document # _____

Date Received _____

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.

Minor: Add: _____ Delete: _____ Change: _____ Attach new/changed minor. 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
Department Curriculum Committee

Mary Ann Perini

10-20-05

Chair
Department

Samson Alay

10/20/05

Chair
College Curriculum Committee

Stanley C. Cogan

10/20/05

Dean

Stanley C. Cogan

10/20/05

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

Textbook: Seikel, J.A., King, D.W., and Drumright, D.G. (1997). Anatomy and Physiology for Speech and Language. Singular Publishing Group San Diego.

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.