

DEPARTMENT OF SPECIAL EDUCATION

CODE: SEC 242
TITLE: ANATOMY AND PHYSIOLOGY OF THE SPEECH MECHANISM
CR. HRS. 2 HRS.
LECTURER: PROF. GRACE Y. GADAGBUI

OBJECTIVE:

Students will be guided to learn the biological components of their own bodies particularly those for speech production. Besides, the pathological functioning and the phonemic errors can be discussed.

COURSE OUTLINE

1. What is speech? What is Communication?
2. What constitutes the human vocal systems?
3. Basic information on the speech mechanism (1st Quiz – 20%)

4 – 6. The Speech Organs

- The Respiratory System
- The Laryngeal system (2nd quiz -20%)
- The supralaryngeal system (facial muscles & other organs) tongue,teeth

7 – 8. The brain and related speech parts of the brain

9 – 10. The types of speech the pathological organ(s) can produce (stuttering ; misarticulations etc) Students to find out more about speech errors and discuss in lecture.

Recommended Book

Gadagbui, G. Y. (2006), Anatomy and physiology of the speech mechanism Winneba; Dept. of Special Education.

Book of readings

Gadagbui , G. Y. (1998). Language and speech deviations. Accra: City Publishers.

Palmer , J. M.(1972) Anatomy for speech and hearing (2nd ed.) New York : Harper and Row.

Zemluj, W. R. (1981). Speech and hearing science anatomy and physiology. Englewood Cliffs, New Jersey: Prentice Hall Inc.

Go to the Internet (if possible) and read other books

Course Expectations

- Please attend lectures and participate in lecture discussions
- Continuous assessment : 2 quizzes = 40%
- Final Examination : = 60%