

Motor Speech Disorders
CSDS 213, 3 Units

Instructor:
Office Hours:
Office Rm. Phone:

Required Materials:

Freed, D. B. (2020). Motor speech disorders: Diagnosis and treatment (3rd. Ed.). San Diego, CA, Plural Publishing.

Recommended Textbook:

Duffy, J. (2013). Motor speech disorders: Substrates, differential diagnosis, and management (4th. Ed.). St. Louis, MO: Elsevier-Mosby.

Course Description:

This is a graduate course in the study of motor speech disorders. It concentrates on the classifications of the dysarthrias and apraxia of speech, the neurophysiological basis of motor speech disorders, diagnostic evaluations, and treatment options. The content of this course addresses ASHA Standard III-B (Basic Human Communication and Swallowing Processes), Standard III-C (Communication Disorders and Differences), Standard III-D (Prevention, assessment, and intervention), Standard III-F (Research Process and Integration), Standard III-G (Contemporary professional issues), and Standard IV-B (Oral/Written Communication).

Primary Learning Outcomes:

- 1a. The student will demonstrate understanding of the relevant anatomy, physiology, and neurology of the motor speech mechanism (CTC Speech-Language Pathology Services Credential Standard 1).
- 1b. The student will exhibit knowledge of the physical bases and processes involved in the production and perception of speech (CTC Speech-Language Pathology Services Credential Standard 1).
2. The student will be able to make a differential diagnosis among the various dysarthrias and apraxia of speech.
3. The student will be able to write a treatment plan for an identified motor speech disorder.
4. The student will be able to write a professional-quality diagnostic report on a motor speech disorder in a limited amount of time.

Attendance and Grading:

You will be expected to attend every class. Exams must be taken when scheduled by the instructor. Make-up tests will only be allowed in cases of extreme emergency. Written work must be submitted on time, no exceptions.

First Midterm (50 pts.) This first exam will assess your understanding of the relevant anatomy, physiology, and neurology of the motor speech mechanism and the physical bases and processes involved in the production and perception of speech

Second Midterm (50 pts.)

Third Midterm (50 pts.)

These three tests will be objective evaluations (e.g., T-F, MC, matching, essay).

Final Report (50 pts.)

This will be a written report. You will be given a case history of an actual patient and view him or her via videotape.

You will then be given 3 hours to write a professional-quality diagnostic report

Grading for this report will be done according to the following criteria:

1. Accurate reporting of medical history (10 pts.)
2. Accurate diagnosis and reasons for that diagnosis (15 pts.)
3. Accurate and complete treatment plan (20 pts.)
4. Professional-quality writing (5 pts.)

Oral Motor Examinations (5 points)

You will be required to administer 5 oral motor examinations over the course of the semester. The subjects can be friends, classmates, relatives, etc. Each exam will be worth one point.

Your final grade will be a percentage of your total points from all examinations and assignments:

184.5-205 pts. = A

164-184 pts. = B

143-163 pts. = C

123-142 pts. = D

00-122 pts. = F

Course Calendar:

The sequence listed here is tentative and subject to change with advanced notice from the instructor. Supplemental reading material may be added to this calendar at anytime during the semester.

Unit 1

History of MSD

Reading: Chapter 1

Unit 2

Anatomy and Physiology of the Motor System

Reading: Chapter 2

Unit 3

Evaluation of MSD

Reading: Chapter 3

Unit 4

Flaccid Dysarthria

Reading: Chapter 4

TEST 1

Unit 5

Spastic Dysarthria

Reading: Chapter 5

Unit 6

Unilateral Upper Motor Neuron Dysarthria

Reading: Chapter 6

Unit 7

Ataxic Dysarthria

Reading: Chapter 7

Guest Speaker: Melissa Griffin

Unit 8
Hypokinetic Dysarthria
Reading: Chapter 8

TEST 2

Unit 9
Hyperkinetic Dysarthria
Reading: Chapter 9

Unit 10
Mixed Dysarthria
Reading: Chapter 10

Unit 11
Psychogenic Speech Disorders
Reading: Handouts

Unit 12
Apraxia of Speech
Reading: Chapter 11

TEST 3

FINAL REPORT (50-points)

Note 1: In accordance with procedures of the CSU, Fresno and the policy of the School of Health and Human Services, withdrawing from one or more classes after the second week of instruction can only be done for serious and compelling reasons. Failing or performing poorly in a class is not an acceptable serious and compelling reason within the university policy, nor is dissatisfaction with the subject matter, class, or instructor. A serious and compelling reason typically includes a medical, emotional, or other highly extenuating circumstance that precludes completion of the course.

Note 2: All tests must be taken at the assigned time. Make up test will only be given in cases of extreme emergencies. Tape recording lectures is permissible.

Note 3: You are expected to attend every class. This course covers complex subject matter that may not be explained clearly in the reading materials alone.

Note 4: Students with disabilities should identify themselves to the University. The instructor will make reasonable accommodation for learning and evaluation within the course.

Note 5: This class will follow the University's policy regarding conduct of courses, including cheating and plagiarism. These policies are located in the CSUF Catalog and Schedule of Courses.

Note 6: Disruptive Classroom Behavior: "The classroom is a special environment in which students and faculty come together to promote learning and growth. It is essential to this learning environment that respect for the rights of others seeking to learn, respect for the professionalism of the instructor, and the general goals of academic freedom are maintained. . . . Differences of viewpoint or concerns should be expressed in terms which are supportive of the learning process, creating an environment in which students and faculty may learn to reason with clarity and compassion, to share of themselves without losing their identities, and to develop and understanding of the community in which they live . . . Student conduct which disrupts the learning process shall not be tolerated and may lead to disciplinary action and/or removal from class."

Note 7: Plagiarism

In a research paper, an author summarizes and critically evaluates published empirical research on a given topic. Such a paper involves rephrasing a vast amount of published information. In the past and especially in this class, students who have forgotten the APA style of giving credit to the authors of published article and books have been open to the charge of plagiaristic writing. Take note of the CSUF policy on cheating and plagiarism, which makes

no reference to an intent to plagiarize (see the appropriate section in the CSUF catalog). See the APA Manual and the Coursebook on Scientific and Professional Writing on quotations, citations, and giving credit to other authors and sources. In the 5th edition of the APA Manual, see the indexed entry, plagiarism for specific information. A lack of knowledge on how to express information gathered from published sources may result in plagiaristic writing. A student who unknowingly indulges in plagiaristic writing does not know how to give credit to published sources and how to paraphrase other authors. In cases of plagiarism, the University policy will be followed.

Also note that:

- A lack of knowledge about what plagiarism is or is not is not an excuse under the University Policy.
- This and other instructors in the Department will not excuse plagiaristic writing when a student pleads that she or he did not know what constitutes plagiarism. Your attention is hereby drawn to this issue. If you are not sure what constitutes plagiaristic writing, you need to find out by reading the APA Manual, reviewing A Coursebook on Scientific and Professional Writing, 3rd edition (Hegde, 2003), and then by consulting with your instructors if you are still unclear.
- You must be prepared to submit copies or the originals of all sources (article, books, book chapters) that you cite in your paper for verification of original writing and accuracy of quotations.
- The University Catalog specifies that plagiaristic writing may result in dismissal, suspension, probation, or other sanctions along with a lower grade given regardless of the performance on the tests and examinations.
- The Department policy on plagiaristic writing, in addition to the University policy, is as follows: (a) any graduate student who plagiarizes will automatically receive a grade of C or lower for the course, and (b) plagiaristic writing will automatically result in a D or an F for the paper, depending on the extent of plagiaristic writing; this too, will negatively affect the grade.

Note 8: The above schedule and procedures for this course are subject to change in the event of extenuating circumstances.