

CMSD 431-01: Organic & Neurogenic Disorders of Communication
California State University, Chico
Fall 2018

INSTRUCTOR INFORMATION:

Instructor: Kenyan L. Martin, M.A., CCC-SLP
 Class meetings: MWF 1-1:50; Tehama 108
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COURSE DESCRIPTION:

This course examines the anatomy and physiology of normal speech and language production; and then proceeds into the pathology of, and remedial techniques for, the aphasia, disorders of the right hemisphere, traumatic brain injury, the dementias, dysarthrias, dyspraxias, and swallowing disorders. The relationship among the various disorders will be explored.

In greater detail, this course examines management of communication disorders associated with acquired neurogenic impairments. Specific disorders that will be addressed are aphasia, right hemisphere disorder, traumatic brain injury/closed head injury, dementia, the dysarthrias and swallow. To understand current issues in the field of neurogenic communication disorders, it is first necessary to understand the normal anatomy and physiology of the human communication system. We will then explore the central language mechanism and aphasia classification models. Later we will explore the dysarthrias and the stages of swallow. Then we will apply this information to assessment and intervention of neurogenic communication and swallowing disorders.

COURSE OBJECTIVES:

The following learning objectives will be covered and assessed through lecture, discussion, labs, homework assignments, group presentations, projects, and examinations. These objectives will in part enable students to meet the ASHA Standards for the Certificate of Clinical Competence in SLP: III-B: These standards stipulate that the student acquire and demonstrate knowledge of the nature of speech, language, hearing and communication disorders and differences, as well as swallowing disorders, including etiologies, characteristics and anatomical/physiological, acoustic, psychological developmental, linguistic and cultural correlates.

STUDENT LEARNING OUTCOMES:

Upon completion of this course, the following objectives will be met:

ASHA Standard	CTCC Standard	Outcome	Implementation	Criteria
III-B	SLP 1, 2	Describe the anatomy and physiology of the language, speech and swallow mechanisms	Class activities and assignments	80% accuracy
III-B	SLP 3	Demonstrate knowledge of the pathophysiology and characteristics of neurogenic communication disorders;	Class activities and assignments	80% accuracy
III-B	PS 5, SLP 3	Describe neuroanatomic explanations of aphasia, dysarthria, and swallowing related disorders	Class activities and assignments	80% accuracy

III-B	SLP 3	Discuss language and communication problems associated with neurogenic impairments in adults and children	Class activities and assignments	80% accuracy
III-B	SLP 2, 3	Discuss differences between, and similarities among, aphasia, dysarthria, apraxia, right hemisphere disorder, acquired dyslexias and dysgraphias; and cognitive-linguistic impairments	Class activities and assignments	80% accuracy
III-B	SLP 4	Demonstrate knowledge of the principles and methods of prevention, assessment, and intervention for people with neurogenic communication impairments and counseling for their families and/or caregivers	Class activities and assignments	80% accuracy
III-B	SLP 4	Describe the physical, neurologic and laboratory assessment of patients with neurogenic communication disorders	Class activities and assignments	80% accuracy
III-B	SLP 2 PS 2	Administer screening, assessment and treatment protocols in areas of auditory comprehension, reading, spoken discourse, oral reading, written expression and cognition and memory for individuals with acquired communication disorders	Class activities and assignments	80% accuracy
III-B	SLP 5	Introduce intervention strategies and educational resources for family, caregivers and others who care for patients with acquired communication disorders delivered in acute, rehabilitation, skilled, and home settings.	Class activities and assignments	80% accuracy
III-B	PS 3	Discuss multicultural and linguistic correlates in regards to neurogenic disorders	Class activities and assignments	80% accuracy

ACADEMIC HONESTY:

Unless otherwise stated, all work must be completed individually in order to be a reflection of your own knowledge and understanding. Any work submitted that is not the product of the student who has his or her name on the work (which would include work taken from any other sources and not properly noted or work done by another student) is plagiarized work and will be prosecuted according to University Code. Any sign of cheating in any way on course exams or assignments will be addressed directly and 0 points will be awarded. If you do not understand what constitutes academic honesty, review the University Catalog.

STUDENTS WITH DISABILITIES:

If you have a documented disability that may require reasonable accommodations, please contact Accessibility Resource Center (ARC) for coordination of your academic accommodations. ARC is located in the Student Services Center 170. The ARC phone number is 898-5959 V/TTY or fax 898-4411. Visit the [ARC Website](#) for additional information. *Any accommodations should be addressed with the course instructor at the beginning of the semester or as soon as ARC services are initiated.*

ADD/DROP POLICY:

Students may add or drop courses without restriction or penalty and without instructor approval during the first two weeks of the semester using the telephone registration system (TRACS) or using the Chico State Connection. During the third and fourth weeks of classes, COP forms are needed to add and drop and will require the approval signature of the instructor. After the end of the fourth week of the semester, all COP forms to add or drop will require a serious and compelling reason and require approval signatures of the instructor, department chair, and dean of the college. Do not assume that you will automatically be dropped for not attending class. It is your responsibility to make a commitment to dropping or staying in class by the end of the second week. It is your responsibility to follow the appropriate drop procedures or you risk getting a failing grade for the class.

CONFIDENTIALITY AND MANDATORY REPORTING

As an instructor, one of my responsibilities is to help create a safe learning environment on our campus. I also have a mandatory reporting responsibility related to my role. It is my goal that you feel able to share information related to your life experiences in classroom discussions, in your written work, and in our one-on-one meetings. I will seek to keep information you share private to the greatest extent possible. However, I am required to share information regarding sexual misconduct with the University. Students may speak to someone confidentially by contacting the Counseling and Wellness Center (898-6345) or Safe Place (898-3030). Information on campus reporting obligations and other Title IX related resources are available here: www.csuchico.edu/title-ix.

ATTENDANCE:

Regular attendance is expected and will be collected each class day. If your grade is borderline, you will receive the higher grade if you missed 2 or fewer classes.

MAKE-UP POLICY:

It is imperative that you take examinations when scheduled. Make-up examinations will only be administered under extraordinary circumstances when there is a documented reason of a serious and compelling nature. A make-up examination will not be the same as the original examination but will be based on the same body of material and information.

All assignments must be turned in by their assigned due date. One point will be deducted for each day the assignment is late (including weekends). Assignments will not be accepted 3 days after their due date without discussion with the professor. Please don't hesitate to contact the instructor to discuss turning in late work. There is one make-up allowed for missed in-class activities.

REQUIRED TEXTBOOKS:

Brookshire, R.H. (2015). *Introduction to Neurogenic Communication Disorders* (8th ed.). St. Louis, MO: Elsevier.

Webb, W.G. (2017). *Neurology for the Speech-Language Pathologist* (6th ed.). St. Louis, MO: Elsevier.

For Extra Credit:

Boone, D.R. (2018). *Trouble Talking: The Realities of Communication, Language, and Speech Disorders*. Landham, MD: Rowman & Littlefield.

GRADING:

Grading will be on a point scale. You will be graded on exams, quizzes, and assignments. Grades will be assigned by percentages:

94-100	A	78-79	C+
90-93	A-	74-77	C
88-89	B+	70-73	C-
84-87	B	60-69	D
80-83	B-	below 60	F

COURSE REQUIREMENTS:

1. **Exams (various points TBD):** There will be two exams during the semester, one tentatively scheduled for week 10 and the other during finals week. Questions will be true/false, multiple choice, fill-in the blank, short answer, and labeling/drawing. Scantrons will be provided. Please bring a #2 pencil.
2. **Book of Anatomical Drawings (points TBD):** You will draw the anatomical structures discussed in class and compile them in a clear front swing clip presentation-style booklet. Create a unique cover page for your booklet that includes your name. Drawings are not expected to be perfect, but please color code the required structures and label them. One drawing per page. You will then provide a key for each drawing that includes the basic functions of the system/structure. You will be graded on neatness of handwriting and drawings, accuracy of drawing/labels, and writing mechanics.
3. **Labs:** There are videos and worksheets provided on Bb Learn. View the videos and complete the worksheets.
 - a. Lab 1 & 2: Brain series (20 points each)
 - b. Lab 3: Alzheimer's and Communication (20 points)
 - c. Lab 4: Dysphagia assessment (20 points)
4. **Observations (10 points each).** There will be two, one-hour observations due throughout the semester. Students will be provided with worksheets on BBL to complete while watching the sessions. Students should have a Master Clinician account for the year. Specific videos will be assigned from this. The third observation hour will be completed throughout the semester with in-class videos.
5. **In-Class and Out-of-Class Activities (assorted points).** Throughout the semester, activities will be presented randomly. In-class activities will be completed in groups and you will submit your answers. You may only make-up ONE of these activities. Other missed activities will result in a score of 0. Out-of-class activities will be completed on your own and must be turned

in on the due date.

- 6. Extra Credit (10 points).** Read *Trouble Talking* by Daniel Boone and write a two-page double-spaced APA paper with 1” margins using 12pt Times New Roman font describing (1) why you chose this section, (2) which stories you found most compelling, and (3) how this reading may influence your future involvement in SLP. Then find a second source of information that relates to the section you chose (from any textbooks, ASHA, or other peer-reviewed professional articles) and ensure it is addressed in your paper with appropriate citations and references. Photocopy it and staple it to your essay. Cover page, reference page, and photocopied source do NOT count in the two-page limit. STAPLE - looseleaf submissions will not be scored. You will receive points for creativity, grasp of subject matter, and professional writing, including grammar, semantics, and use of APA. It is highly advised that you utilize peer critique and the writing center before submission. Submit to me by class time on Monday, 11/26.

COURSE OUTLINE:

This syllabus is a general plan for the course. Dates below are tentative and any changes will be announced in advance.

WEEK	TOPICS	ASSIGNMENTS
1 - 8/27, 29, 31	Syllabus, A&P	
2 - 9/5, 7 9/3 - Labor Day, No Class	A&P, Neuroanatomy	9/7: Lab 1
3 - 9/10, 12, 14	A&P, Neuroanatomy	9/14: Lab 2
4 - 9/17, 19, 21	Aphasia	9/21: Anatomical Drawings
5 - 9/24, 26, 28	Aphasia	
6 - 10/1, 3, 5	Aphasia	10/3: Observation 1
7 - 10/8, 10, 12	TBI	
8 - 10/15, 17, 19	Dementias	10/19: Lab 3
9 - 10/22, 24, 26	Dementias	
10 - 10/29, 31, 11/2	Motor Speech A&P	10/29: Midterm (content from weeks 1-9)
11 - 11/5, 7, 9	Motor Speech	
12 - 11/14, 16 11/12 - Veterans Day, No Class	Motor Speech	11/14: Observation 2
13 - 11/23, 25, 27	Thanksgiving Break	--

14 - 11/26, 28, 30	Dysphagia	11/26: Extra Credit
15 - 12/3, 5, 7	Dysphagia	12/7: Lab 4
16 - 12/10, 12, 14	Dysphagia	
17 - 12/17, 19, 21	Finals Week	12/19 at 2pm : Final Exam (content from weeks 10-16)