



DEPARTMENT OF SPEECH-LANGUAGE PATHOLOGY

***CSAD 3040 - Neuroanatomy***

## I. Course Information

**Course:** CSAD 3040 - Neuroanatomy

**Semester Credit Hours:** 3.0

**Course CRN and Section:** 22214 - OL1

**Semester and Year:** Fall 2017

**Course Start and End Dates:** 08/21/2017 - 12/10/2017

**Building and Room:** Online Venue - BLACKBOARD

## II. Instructor Information

**Professor:** Erica Beth Friedland AuD

**Email:** ericaf@nova.edu

**Phone:** 954-262-7765

**Office Hours:** By appointment.

## III. Class Schedule and Location

Day	Date	Time	Location	Building/Room
T	08/21/2017 - 12/10/2017	8:01 PM - 9:00 PM	On-line Course	Online Venue- BLACKBOARD

## IV. Course Description

This course provides an introduction to the gross structure of the brain and spinal cord and functional relationship of their parts with emphasis on the auditory and vestibular peripheral and central nervous systems. Pre-requisite: CSAD 3020. Frequency: Every Winter and Fall.

## V. Course Objectives / Learning Outcomes

- 1) Describe the motor pathways for speech and the important areas for language.
- 2) Identify and describe connections between the cortical and non-cortical areas of the brain.
- 3) Identify how neuropathology is of value in assessing normal and disordered speech and language.

## VI. Materials and Resources

**Book Url:** [NSU Book Store](#)

**Course Required Texts and Materials:** Rouse, M.H (2016). Neuroanatomy for Speech Language Pathology and Audiology. Jones & Bartlett Learning.

## **VII. Course Requirements**

### **Exam I (Mid-Term)**

- a) Objective: Comprehensive review of the first 6 weeks of the course usually up to chapter 9 or 10.
- b) Grading: The midterm exam will account for 30% of your total course grade. The midterm examination may include multiple choice, matching, short answer, paragraph questions and diagrams.

### **Exam II (Final)**

- a) Objective: Comprehensive review of Chapters 1-15
- b) Grading: The final exam will account for 30% of your total course grade. The final examination may include multiple choice, matching, short answer, paragraph questions and diagrams.

### **Quizzes**

- a) Objective: To review and assess information on a weekly basis
- b) Grading: Weekly quizzes will account for 20% of the total grade.

### **Case Study Project**

- a) Objective: Student will apply neuroanatomical and neurophysiological knowledge to answer questions about specific patient pathologies.
- b) Grading: The case study project will account for 10% of your total course grade. The format will be multiple choice, true/false, and short answer.

### **Assignments**

- a) Objective: To review information on a weekly basis. Application of course content and independent research may be required.
- b) Grading: Assignments will account for 10% of your total course grade. The formats may include diagrams, research, essay, short answer and fill in the blank.

# VIII. Course Schedule and Topic Outline

Class schedule subject to modification, but not without prior notification.

**Dates/Topics/Speakers may be changed at the discretion of the instructor**

Primary methods of instruction that are utilized for this course are:

Lecture

Large Group Discussion

Pathology/Case Presentations

Cooperative Learning

**The program professor reserves the right to alter the content and requirements as needed. Students are responsible for adhering to any changes made in this syllabus.**

	Week	Topics	Text Chapters
1	Introduction; syllabus Nomenclature; anatomy & physiology of the neuron	1 (2 independent study)	
2	Gross brain anatomy, cells and blood supply	3, 4 7 (p111-113)	
3	Spinal cord and hindbrain	5,6	
4	Diencephalon, Basal Ganglia and Brain ventricles	6	
5	Cerebrum	7 (114-123), 8	
6	Cerebrum	9	
7	The neurology of balance	10	
8	<b>MIDTERM EXAMINATION</b>		
9	The neurology of hearing: Peripheral	10	
10	The neurology of hearing: Central	10	
11	The neurology of speech	11	
12	The neurology of language	12	
13	The neurology of swallowing	13	
14	The neurology of cognition and emotion	14, 15	
15	<b>FINAL EXAMINATION</b>		

**The program professor reserves the right to alter the content and requirements as needed. Students are responsible for adhering to any changes made in this syllabus.**

**All Quizzes open at midnight on Saturday night and close 5 minutes before class on Tuesday.**

**Midterm exam and final exam open at midnight on Saturday night and close at end of day on Friday. See rubric below for exact dates.**

<b>Date</b>	<b>Topics</b>	<b>Text Chapters</b>	<b>Assignments, Quizzes and Examinations</b>
8/22	<b>Lesson 1:</b> Introduction; syllabus Nomenclature; anatomy & physiology of the neuron	1	
8/29 9/5	<b>Lesson 2:</b> Gross brain anatomy, blood supply, and ventricles	3, 4 7 (p. 111-113)	Quiz on Lesson 1: opens 8/26 and closes on 8/29 (5 min before chat)
9/12	<b>Lesson 3:</b> Spinal cord and hindbrain	5,6	Quiz on Lesson 2: opens 9/9 and closes on 9/12 (5 min before chat)
9/19	<b>Lesson 4:</b> Diencephalon, Basal Ganglia	6	Quiz on Lesson 3: opens 9/16 and closes on 9/19 (5 min before chat)
9/26	<b>Lesson 5:</b> Sensory Systems	7 (p. 114-123), 8	Quiz on Lesson 4: opens 9/23 and closes on 9/26 (5 min before chat)
10/3	<b>MIDTERM EXAMINATION</b>	No CHAT	Lessons 1-5: opens 9/30 at midnight and closes 10/6 11:59 pm
10/10	<b>Lesson 6:</b> The Neurology of Balance	10	
10/17	<b>Lesson 7:</b> The neurology of hearing: Peripheral		Quiz on Lesson 6: opens 10/14 and closes on 10/17 (5 min before chat)
10/24	<b>Lesson 8:</b> The neurology of hearing: Central	10	
10/31	<b>No Class</b>		
11/7	<b>Lesson 9:</b> The neurology of speech	11	Quiz on Lessons 7 & 8: opens 11/4 and closes on 11/7 (5 min before chat)
11/14	<b>Lesson 10:</b> The neurology of language and swallowing	12	Quiz on Lesson 9: opens 11/11 and closes on 11/14 (5 min before chat)
11/21	<b>Lesson 11:</b> The neurology of cognition and emotion	14, 15	Quiz on Lesson 10: opens 11/25 and closes on 11/28 (5 min before chat)
11/28	<b>Course Review</b>		CASE STUDY PROJECT OPENS: 11/28 and closes on 12/8
12/5	<b>FINAL EXAMINATION</b>	No CHAT	Lessons 6-11: opens 12/2 at midnight and closes 12/8 at 11:59 pm

## IX. Grading Criteria

Your final grade is determined by your performance on a number of different tasks:

**Final Course Grade:** Final Course Grade: Your final grade is determined by your performance on a number of different tasks:

Assignment	%	Due Week #
Case Study	10	15
Quizzes & Assignments	30	TBA
Midterm Exam	30	Usually week 7 or 8
Final Exam	30	15
Total:	100	

### Grading Scale:

The grading policy is documented in the University Handbook (what grade reflects an "A", "B", etc.).

Alpha Grade	Scale	Percentage
A	4.0	94-100
A-	3.7	90-93
B+	3.3	87-89
B	3.0	83-86
B-	2.7	80-82
C+	2.3	77-79
C	2.0	74-76
C-	1.7	70-73
D+	1.3	68-69
D	1.0	67-68
F	0.0	66 and below

### TIMELINE FOR FEEDBACK FROM FACULTY

Faculty members will respond in a maximum of 48 hours to an e-mail request. This does not apply to weekends or legal holidays. Assignments will typically be graded within 1 week unless otherwise noted. More rigorous and sophisticated assignments may require more than a 1 week turn around.

## X. Course Policies

Syllabus Statement:

Class content throughout this course may be recorded in accordance with the NSU Class Recording Policy. If class content is recorded, these recordings will be made available to students registered for this course as a supplement to the classroom experience. Recordings will be made available to all students who were registered to attend the live offering of the class, regardless of a students' section or discipline, or whether the student is participating in the course online. If recordings are intended to be accessible to students or third parties who were not registered for the live offering of the class, students' personally identifiable information will be removed or redacted from the recording, unless (1) their written consent to

such disclosure was previously provided, or (2) the disclosure is permissible in accordance with the Family Educational Rights and Privacy Act (“FERPA”).

Students are prohibited from recording audio or video, or taking photographs in classrooms (including online classes) without prior permission from the instructor or pursuant to an approved disability accommodation, and from reproducing, sharing, or disseminating classroom recordings to individuals outside of this course.

Students found engaging in such conduct will be in breach of the Student Code of Conduct and subject to disciplinary action.

Students are responsible for complying with the College of Health Care Sciences Student Handbook policies on Attendance, Dress Code and Conduct, Academic Honor, and Academic Affairs. Students are expected to prepare reading assignments ahead of each session and to actively participate in the online and on campus class sessions, **as applicable**. The following policies will apply to this class:

#### **Course Remediation:**

A student who earns a grade less than the minimum passing grade for the final course grade will repeat the course, as stated in the Handbook. There are no individual opportunities for recovery of points within the course. Remediation for specific assignments/exams within the course will serve to demonstrate students’ knowledge of learning outcomes and will not result in change of grade. Remediated assignments/exams may also be used as evidence in student portfolios.

### **CLASSROOM RULES OF CONDUCT**

#### **Netiquette:**

In a traditional classroom, students are reminded that behavior that disrupts the class or interferes with other students and their ability to learn is unacceptable. Any person engaged in disruptive behavior receives a written warning from the instructor. Students who continue to engage in disruptive behavior after this warning may be administratively withdrawn from the course. Similarly, in an online course, any electronic postings, emails, or electronic messages that disrupt the class or interfere with learning goals and objectives are unacceptable. Electronic communication—the backbone of online courses—must be civil, respectful, and cordial at all times. Any posting that disrupts or interferes with learning will be removed, and the author of the posting will receive a written warning. A second disruptive posting will cause the author to be administratively withdrawn from the course.

**Dress:** Students are expected to abide by the student dress code. Students must attend class dressed in appropriate attire or they will be sent home to change clothing. In such cases, students will be considered late or absent.

For online live and/or collaborate courses, students must be in proper dress code. Failure to do so may result in referral to the Committee on Student Progress for disciplinary action.

**Cell phones/Tape recorders/Laptops etc.:** The use of all electronic devices for non-classroom related (i.e., personal) business during class time is prohibited. No one may take photographs or record audio or video in classrooms without prior permission of the instructor and student(s). Students wishing to record lectures must obtain permission from the instructor. Consent forms may be obtained from the office of your academic center.

**Attendance:** Attendance and participation in each class/chat session **is expected**. All reading assignments and review of materials must be completed prior to the session dates posted. If an absence is anticipated, the student should contact the instructor prior to the class to negotiate what the student can do to make up for the absence from class. If an emergency arises and the student cannot reasonably alert the instructor, the student should contact the instructor as soon as possible to negotiate how the class can be made up. Additional assignments may be imposed at the time the absence is discussed with the instructor. Grade reductions may be imposed, if more than one absence occurs. Such a reduction in grade will be reported to the student in writing at the time it is imposed.

**Tardiness:** Every student is expected to be on time for all class/chat sessions. If a student demonstrates a pattern of tardiness (late for class/chat more than once), **a grade reduction may be imposed by the instructor**.

## **XI. University Policies**

**STUDENTS WITH DISABILITIES:** Nova Southeastern University provides reasonable accommodations for qualified students with a documented disability. For more information about the ADA policy, services and procedures, please contact the Office of Student Disability Services at 954-262-7185 or visit <http://www.nova.edu/disabilityservices>.

**CHCS EFFECTIVE WRITING CENTER:** If you need some one-on-one help to improve your writing skills, you can make an appointment with one of the coaches in the HPD library. For more information or to make an appointment, go to <http://nova.campusguides.com/hpdwritingcenter/appointments>.

**HENDERSON STUDENT COUNSELING CENTER:** The counseling center is staffed by licensed mental health professionals, a licensed psychologist and a psychiatrist. For more information, please call 954-424-6911 or visit <http://www.hendersonbh.org/studentcounseling>.

#### **Academic Standards**

The university is an academic community and expects its students to manifest a commitment to academic integrity through rigid observance of standards for academic honesty. The university can function properly only when its members adhere to clearly established goals and values. Accordingly, the academic standards are designed to ensure that the principles of academic honesty are upheld.

The following acts violate the academic honesty standards:

- 1. Cheating**—intentionally using or attempting to use unauthorized materials, information, or study aids in any academic exercise
- 2. Fabrication**—intentional and unauthorized falsification or invention of any information or citation in an academic exercise
- 3. Facilitating Academic Dishonesty**—intentionally or knowingly helping or attempting to help another to violate any provision of this code
- 4. Plagiarism**—the adoption or reproduction of ideas, words, or statements of another person as one's own without proper acknowledgment.

**Unprofessional Conduct:** Behavior(s) unbecoming a professional, including but not limited to: violation of rules, inappropriate dress or language, private conversations during lectures and presentations, rudeness to the professor, classmates, or patients. Each violation will be placed in writing in the student's permanent file. Depending on the nature of the violation or in the event of two incidents, a student will be referred for disciplinary action to the Committee on Student Progress and may be reflected on the student's transcript.

**THE COURSE DIRECTOR RESERVES THE RIGHT  
TO MAKE REVISIONS TO THIS SYLLABUS AT ANY TIME.**