

FLORIDA INTERNATIONAL UNIVERSITY
ZOO 4743C---Neuroscience (SPRING 2017)

Sessions: Thursdays (see schedule) 7:50-10:30pm, AHCII 160

Course description/protocol:

This is a one semester lecture and practical course surveying the basic structure and function of the human nervous system. The practical/demonstration component of the course is primarily a *self-study* module allowing students to examine neuroanatomical models. These practical sessions are designed for motivated, *self-starting* students, in that each session encompasses a select number of structures to be studied and identified (students are advised to utilize their time wisely and efficiently) along with answering a set of study/application questions. *Your instructor will be available to assist and gauge your progress with the proper anatomical identifications.*

Prerequisites/eligibility: Prerequisites: *BSC 1010, BSC 1011, CHM 2211; ZOO 4733 or any other course in human anatomy (highly recommended)*

Course Objectives: Upon completion of this course, the *ZOO 4743C* student will:

- 1) Understand the biology, histology, and basic structural and functional components of the human central and peripheral nervous systems.
- 2) Apply neuroscience concepts in addressing clinical correlates.

Required text:

Snell, R.S. *Clinical Neuroanatomy (7th Edition) Wolters-Kluwer* (Publishers)

Instructor :

Ferdinand Gomez

Office/Contact Information:

AHC2 155 (Human Anatomy Teaching Laboratory)
(305) 348-6176 (voice mail)----e-mail: gomezf@fiu.edu

Grading policy:

There will be two multiple-choice lecture exams and a written lab exam administered this semester, **of which all scores will be averaged for the final grade** (The lab exam is cumulative since it encompasses the entire nervous system).

The grading scale is as follows: **A=100-90, B=89-80, C=79-70, D=69-60, F=59-0 (no plus or minuses)**. Exams must be taken during the designated times/dates (**missed exams will result in a zero score**).

There will be no make-up exams administered unless circumstances beyond the student's control arise and are immediately accompanied by the appropriate documentation:

- 1) Death in immediate family member requires official bereavement statement;*
- 2) Student/ immediate family member with acute/terminal illness requires official hospital/clinic notification;*
- 3) Traffic accident requires official accident report;*
- 4) Jury duty requires county clerk summons ; and 5) Military assignment /deployment.*

The aforementioned will be taken into consideration or, if applicable, allow students to request an «Incomplete » grade. Candidates for grades of « Incomplete » include those students that have completed 60% of the course work satisfactorily (C grade or higher) and cannot justifiably finish the course (planned vacation/business trips do not constitute a serious interruption).

If any of the preceding information elicits a conflict of interest, you are strongly urged to DROP the course.

Cheating policy: Cheating (ie. possession of electronic devices [I-phones/watches], possession of crib sheets/notes, glaring at another's paper, etc.) during any of the administered exams is a direct violation of FIU's student conduct code (see below) and will not be tolerated in this course. The instructor will be proctoring exams diligently; violators will receive a zero score on the exam and/or be subjected to university administrative action pursuant to the provisions stated in the following:

“Florida International University is a community dedicated to generating and imparting knowledge through excellent teaching and research, the rigorous and respectful exchange of ideas, and community service. All students should respect the right of others to have an equitable opportunity to learn and honestly demonstrate the quality of their learning. Therefore, all students are expected to adhere to a standard of academic conduct, which demonstrates respect for themselves, their fellow students, and the educational mission of the University. All students are deemed by the University to understand that if they are found responsible for academic misconduct, they will be subject to the Academic Misconduct procedures and sanctions, as outlined in the Student Handbook.”

Tips on successful completion of course and lecture/lab session rules:

1. Attendance to all sessions is mandatory! Poor attendance can only result in poor grades.
2. Make emphasis on careful note-taking and pre-reading skills.
3. In the case of **missed lecture days** or **impending absences**, students are **responsible** for **obtaining lecture notes** and **in-class announcement** information from fellow classmates.
4. All electronic communication equipment should be silenced (ie.cell/I-phones),and **no photographing/image capturing of lecture content** so as to not encumber the learning and thinking process of others.
5. Disruptive behavior during lectures, exams, and practical sessions is deemed inappropriate and will not be tolerated.

Mediasite Online Instructional Videos

A portion of the course content will be delivered via pre-recorded online video(s) courtesy of FIU's Division of Technology Mediasite. Below is a tutorial on how to access the video sessions. The videos can be viewed at the FIU student computer labs, PCs, tablets, etc; however, please make sure that you have the appropriate media support if you are utilizing off-campus devices (see info. below) in order to ensure smooth streaming. It is HIGHLY recommended that all view the sessions early in the week (ie. during your scheduled lecture session) just in case you encounter technical difficulties that can be rectified by the Mediasite associates (mediasiteadmins@fiu.edu) accordingly, in lieu of encountering problems during the weekend when their availability is limited (do not wait until exam day to view the sessions). Please be advised, any technical difficulties regarding video access, viewing, downloading, etc. DO NOT e-mail the instructor, please address all inquiries to **mediasiteadmins@fiu.edu**. The associates at Mediasite will be more than happy to work with all students and resolve any and all issues. Safety tip: Do not view session while lying in bed, you may doze off and drop your device!

How to access videos:

1. Click desired link.
2. A mostly blank page will open up with a button titled "authenticate".
3. Click "Authenticate".
4. A website containing the FIU logo should pop up asking for your FIU credentials. The user name and password they require is the same as your FIU user name and password used to access the my.fiu.edu account.
5. Log in and take notes!

Also, please read the following useful information courtesy of the Mediasite associates:

1. When students log in to Mediasite, they must use their username (e.g., gomezf) and NOT their PantherID. The password is their MyFIU password.
2. Any technical issues can be sent to mediasiteadmins@fiu.edu
3. To see if the student's computer meets the viewing requirements for Mediasite, they can visit this link:
<https://support.sonicfoundry.com/Training/ViewingRequirements>
4. Requirements for viewing a Mediasite Presentation can be found here:
<https://support.sonicfoundry.com/Knowledge/Article/000003279>
5. It is highly recommended to use Firefox and disable "pop-up blockers".

- **Please be advised that the course syllabus schedule of activities and/or its content is tentative and subject to change at the instructor's discretion.**
- **Best of luck to all and have a pleasant semester !😊**

ZOO 4743C Spring Semester Schedule

Dates:

- Jan. 12 Course orientation/administration
- Jan. 19 Anatomy intro. & neurobiology (lecture)
- Jan.26 Peripheral nerve, receptors; muscle innervation (lecture)
- Feb.2 Spinal cord/vertebral column (lecture)
- Feb.9 Practical I session
- Feb.16 Exam I (lecture content)**
- Feb.23 The cranium (lecture)
- Mar.2 Online video: Brainstem & cerebellum
- Mar.9 Practical II session
- Mar.16 Spring Recess**
- Mar.23 Online video: The cerebrum & basal nuclei; meninges and angiology; 3/20 last day to drop course with a «DR» grade
- Mar.30 Exam II (lecture content)**
- Apr.6 Practical III session
- Apr.13 Self-study: review previous lecture material, complete & review practical I, II, & III assignments
- Apr.20 Exam III (comprehensive written practical exam)**