

**THE UNIVERSITY OF TEXAS AT TYLER**  
**DEPARTMENT OF HEALTH AND KINESIOLOGY**  
**COURSE SYLLABUS**

**FALL 2022**

Course Title: Applied Neuroanatomy (Master of Occupational Therapy Program)

Course Number: OCTH 5300

Credits: 3 Hrs.

Format: Online via CANVAS

**INSTRUCTOR INFORMATION**

Dr. Susanne Boisvert, OTD, OTR, MOT, BS

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Emergency Number: 903.566.7031 (Tina Taylor)

Offices Hours: By Appointment Only

**REQUIRED TEXTBOOK**

*Gutman, S. A. Quick Reference Neuroscience for Rehabilitation Professionals: The Essential Neurologic Principles Underlying Rehabilitation Practice 3<sup>rd</sup> Edition (2017). Slack Inc. ISBN: 1630911526 / ISBN-13: 978-1630911522*

**COURSE DESCRIPTION**

This course provides foundational knowledge in neurophysiology and its impacts upon occupational performance and participation. The course includes emphasis on neurophysiology, neuroanatomy, and disorders of the nervous system. The course will focus on the relationship between occupational therapy practice and the structure and function of the nervous system. Its content is built upon in courses taught later in the curriculum as it applies specifically to practice areas such as pediatrics, physical rehabilitation, work programs, geriatrics, and psychosocial settings.

## **LEARNING OUTCOMES**

At the completion of this course the student will be able to:

- Describe the structure and function of the nervous system.
- Describe the cellular anatomy and principles of human neurophysiology related to the somatosensory, autonomic, motor, emotional and cognitive systems.
- Demonstrate understanding of the development and plasticity of the nervous system across the life span.
- Describe the impact of injury or conditions on the nervous system and the impact on occupational performance.
- Demonstrate understanding of neurological systems on human behavior.
- Apply foundational knowledge, previous professional experiences and new academic learning to fieldwork and community engagements to meet the needs of clients in various contexts and cultures reflecting ethical practice.

## **IMPORTANT**

You must read this syllabus carefully and in its entirety. The syllabus is intended to provide key information at the outset of the course, as well as throughout the entire semester. You should refer to the syllabus frequently throughout the course.

## **METHODS OF INSTRUCTION: ONLINE VIA CANVAS**

Student learning experiences include, but not limited to: a) lectures with related PowerPoint slides, b) demonstrations, c) problem solving situations, d) observation and analysis, e) reading textbook and supplementary material, and f) online engagement through quizzes and discussions.

## **TECHNICAL SUPPORT**

Please contact CANVAS. CANVAS will provide the technical support for this course. Information about technical support is available from the CANVAS global menu (Help).

## **COMMUNICATION**

The best method to contact me is by email. Every email you send to me related to the course, you must 1) use your Patriot email account instead of a personal email (or it will end up in my spam/junk emails), 2) have "OCTH 5300" in the subject line, and 3) clearly

and accurately describe your concerns. Email your concerns in a timely fashion, as I will be checking my email once a day in the evenings.

## **COURSE OUTLINE**

Important information is provided in the “Announcements” in CANVAS (link located in the navigation bar on the left side of the screen in the course). The “Announcements and Course Materials” links will have most of your learning tasks including information about assigned reading, assignments, and other important information pertaining to what you are supposed to contribute. Please familiarize yourself with these links as you will use them a lot throughout the semester.

## **COURSE EXPECTATIONS**

- Participate and complete all class activities and learning tasks.
- Barring an act or force of nature (the University being officially closed), assignments and exams will be given at the time and date indicated in the syllabus. Only for extremely extenuating circumstances and only with the prior approval of the instructor, will a student be allowed to make up an examination that is missed.
- Pay close attention to assignment instructions and deadlines. Doing exactly what is instructed for a given assignment will greatly improve your chances of getting a good grade. Be sure to work on each assignment BEFORE the due date, not ON the due date. As you are given ample time to complete each assignment, past-due assignments will not be accepted, no exceptions!

## **QUIZZES AND EXAMS**

You will complete 11 quizzes (one is the syllabus quiz) and 1 final exam on CANVAS throughout the semester. You are allowed 2 attempts for each quiz; the average score of both attempts will be used as your recorded score. You are allowed 1 attempt for the final exam. The specific date/time of the final exam will be discussed later in the semester.

## **CEREBRAL CHALLENGES**

You will complete 4 cerebral Challenges on CANVAS throughout the semester. You will be asked to exercise critical thinking skills and perform differential diagnosis in a clinical setting and post your reports.

## GRADING

### Assignments 25%

Introduction – 50 points

OT assignments

### Quizzes 50%

Weekly Quizzes – 550 points (50 points each x 10)

Final Exam-100 points

### Challenges 25%

Cerebral Challenges – 400 points (100 points each x4)

**GRADING: A = 90-100; B = 80-89, C = 70-79; F= Below 70**

## ACOTE STANDARDS

## ASSESSMENT MEASURES

1. Assignment
2. Lab test
3. Objective test
4. Essay test
5. Project
6. Presentation
7. Demonstration
8. Alternative assessment

ACOTE  
2018  
Standard

Syllabus    Assessment  
Objective    Measure  
Number      Number

Demonstrate knowledge of:

- |       |  |             |       |
|-------|--|-------------|-------|
| B.1.1 | • The structures and function of the human body to include the biological and physical sciences, neurosciences, kinesiology, and biomechanics. | 1,2,3,4,5,6 | 1,3,5 |
|-------|--|-------------|-------|

- Human development throughout the lifespan (infants, children, adolescents, adults, and older adults). Course content must include, but is not limited to, developmental psychology.
- Concepts of human behavior to include the behavioral sciences, social sciences, and science of occupation.

## **UT TYLER HONOR CODE**

Every member of the UT Tyler community joins together to embrace: Honor and integrity that will not allow me to lie, cheat, or steal, nor to accept the actions of those who do.

## **STUDENT RIGHTS AND RESPONSIBILITIES**

To know and understand the policies that affect your rights and responsibilities as a student at UT Tyler, please follow this link: <http://www.uttyler.edu/wellness/rightsresponsibilities.php> (Links to an external site.)

## **CAMPUS CARRY**

We respect the right and privacy of students 21 and over who are duly licensed to carry concealed weapons in this class. License holders are expected to behave responsibly and keep a handgun secure and concealed. More information is available at <http://www.uttyler.edu/about/campus-carry/index.php> (Links to an external site.)

## **UT TYLER A TOBACCO-FREE UNIVERSITY**

All forms of tobacco will not be permitted on the UT Tyler main campus, branch campuses, and any property owned by UT Tyler. This applies to all member of the University community, including students, faculty, staff, University affiliates, contractors, and visitors. Forms of tobacco not permitted include cigarettes, cigars, pipes, water pipes (hookah), bidis, kreteks, electronic cigarettes, smokeless tobacco, snuff, chewing tobacco, and all other tobacco products. There are several cessation programs available to students looking to quit smoking, including counseling, quit lines, and group support. For more information on cessation programs please visit [www.uttyler.edu/tobacco-free](http://www.uttyler.edu/tobacco-free) (Links to an external site.)

## **GRADE REPLACEMENT/ FORGIVENESS AND CENSUS DATE POLICIES**

Students repeating a course for grade forgiveness (grade replacement) must file a Grade Replacement Contract with the Enrollment Services Center (ADM 230) on or before the Census Date of the semester in which the course will be repeated. Grade Replacement Contract are available in the Enrollment Services Center or at <http://www.uttyler.edu/registrar> (Links to an external site.) Each semester's Census Date can be found on the Contract itself, on the Academic Calendar, or in the information pamphlets published each semester by the Office of the Registrar. Failure to file a Grade Replacement Contract will result in both the original and repeated grade being used to calculate your overall grade point average. Undergraduates are eligible to exercise grade replacement for only three course repeats during their career at UT Tyler; graduates are eligible for two grade replacements. Full policy details are printed on each Grade Replacement Contract. The Census Date is the deadline for many forms and enrollment actions of which students need to be aware. These include:

- Submitting Grade Replacement Contract, Transient Forms, requests to withhold directory information, approvals for taking courses as Audit, Pass/Fail or Credit/No Credit.
- Receiving 100% refunds for partial withdrawals. (There is no refund for these after the Census Date)
- Schedule adjustments (section changes, adding a new class, dropping without a "W" Grade)
- Being reinstated or re-enrolled in classes after being dropped for non-payment
- Completing the process for tuition exemptions or waivers through Financial Aid

## **STATE-MANDATED COURSE DROP POLICY**

Texas law prohibits a student who began college for the first time in Fall 2007 or thereafter from dropping more than six courses during their entire undergraduate career/ This includes courses dropped at another 2-year or 4-year Texas public college or university. For purposes of this rule, a dropped course is any course that is dropped after the census date (See Academic Calendar for the specific date). Exceptions to the 6-drop rule may be found in the catalog. Petitions for exemptions must be submitted to the Enrollment Services Center and must be accompanied by documentation of the extenuating circumstance. Please contact the Enrollment Services Center if you have any questions.

## **DISABILITY/ACCESSIBILITY SERVICES**

In accordance with Section 504 of the Rehabilitation Act, Americans with Disabilities Act (ADA) and the ADA Amendments Act (ADAAA) the University of Texas at Tyler offers accommodations of students with learning, physical and/or psychological disabilities. If you have a disability, including a non-visible diagnosis such as a learning disorder, chronic illness, TBI, PTSD, ADHD, or you have a history of modifications or accommodations in a previous education environment, you are encouraged to visit <https://hood.accessiblelearning.com/UTTyler> (Links to an external site.) and fill out the New Student application. The Student Accessibility and Recourses (SAR) office will contact you when your application has been submitted and an appointment with Cynthia Lowery, Assistant Director of Student services/ADA Coordinator./ For more information, including filling out an application for services, please visit the SSAR webpage at <http://www.uttyler.edu/disabilityservices> (Links to an external site.) , the SAFE office located in the University Center, #3150 or call 903.566.7079.

## **STUDENT ABSENCE DUE TO RELIGIOUS OBSERVANCE**

Students who anticipate being absent from class due to a religious observance are requested to inform the instructor of such absences by the second class meeting of the semester.

## **STUDENT ABSENCE FOR UNIVERSITY-SPONSORED EVENTS AND ACTIVITIES**

If you intend to be absent for a university-sponsored event or activity, you (or the event sponsor) must notify the instructor at least two weeks prior to the date of the planned absence. At that time the instructor will set a date and time when make-up assignments will be completed.

## **SOCIAL SECURITY AND FERPA STATEMENT**

It is the policy of The University of Texas at Tyler to protect the confidential nature of social security numbers. The University has changed its computer programming so that all students have an identification number. The electronic transmission of grades (e.g., via e-mail) risks violation of the Family Educational Rights and Privacy Act; grades will not be transmitted electronically.

## **EMERGENCY EXITS AND EVACUATION**

Everyone is required to exit the building when a fire alarm goes off. Follow your instructor's directions regarding the appropriate exit. If you require assistance during an

evacuation, inform your instructor in the first week of class. Do not re-enter the building unless given permission by University Police, Fire department, or Fire prevention Services.

## **STUDENT STANDARDS OF ACADEMIC CONDUCT**

Disciplinary proceedings may be initiated against any student who engages in scholastic dishonesty, including, but not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student of the attempt to commit such acts.

1. "Cheating" includes, but is not limited to:
  1. Copying from another student's test paper;
  2. Using, during a test, materials not authorized by the person giving the test;
  3. Failure to comply with instructions given by the person administering the test; possession during a test of materials which are not authorized by the person giving the test, such as class notes or specifically designed "crib notes". The presence of textbooks constitutes a violation if they have been specifically prohibited by the person administering the text;
  4. Using, buying, stealing, transporting, or soliciting in whole or part the contents of an unadministered test, test key, homework solution, or computer program;
  5. Collaboration with or seeking aid from another student during a test or other assignment without authority;
  6. Discussion the contents of an examination with another student who will take the examination;
  7. Divulging the contents of an examination, for the purpose of preserving questions for use by another, when the instructors has designated that the examination is not to be removed from the examination room or not be returned or to be kept by the students;
  8. Substituting for another person, or permitting another person to substitute for oneself to take a course, a test, or any course-related assignments;
  9. Paying or offering money or other valuable things to, or coercing another person to obtain an unadministered test, test key, homework solution, or computer program or information about an unadministered test, test key, home solution or computer program;
  10. Falsifying research data, laboratory reports, and/or other academic work offered for credit; taking keeping, misplacing, or damaging the property of The University of Texas at Tyler, or of another, if the student knows or reasonably should know that an unfair academic advantage would be gained by such conduct; and

11. Misrepresenting facts, including providing false grades or resumes, for the purpose of obtaining an academic or financial benefit or injuring another student academically or financially.
12. "Plagiarism" includes, but is not limited to, the appropriation, buying, receiving as a gift, or obtained by any means another's work and the submission of it as one's own academic work offered for credit.
13. "Collusion" includes, but is not limited to, the unauthorized collaboration with another person in preparing academic assignments offered for credit or collaboration with another person to commit a violation of any section of the rules on scholastic dishonesty.
14. All written work that is submitted will be subject to review by plagiarism software.

## UT TYLER RESOURCES FOR STUDENTS

- UT Tyler Writing Center 903.565.5995, [writingcenter@uttyler.edu](mailto:writingcenter@uttyler.edu)
- UT Tyler Tutoring Center 903.565.5964, [tutoring@uttyler.edu](mailto:tutoring@uttyler.edu)
- The Mathematics learning Center, RBN 4021, this is the open access computer lab for math students, with tutors on duty to assist students who are enrolled in early-career courses.
- UT Tyler Counseling Center 903.566.7254