

The University of Texas at Tyler
Department of Health and Kinesiology
Fall 2024

Course Title: Human Motor Control & Learning Laboratory

Course Number: KINE 3132. 001/002/003/004

Credits: 1.00

Days/Hours of Lab:

| | | |
|--------------|------------------|--------------------|
| Section 001: | Monday | 9:05 am – 11:05 am |
| Section 002: | Monday | 11:15 am – 1:15 pm |
| Section 003: | Tuesday | 2:00 pm – 4:00 pm |
| Section 004: | Wednesday | 11:15 am – 1:15 pm |

Semester dates: 08/26/2024 – 12/6/2024

Lab Room: HPC 2165

Instructor Information

Teaching Assistant

Carly Biggerstaff

cbiggerstaff@patriots.uttyler.edu

Nour Alnajjar

nalnajjar@patriots.uttyler.edu

Faculty

Woohyoung Jeon, Ph.D., Assistant Professor of Kinesiology

Office location: HPC 2245 (inside Lab at HPC 2235)

Email address: wjeon@uttyler.edu

Office hours: Mon & Wed (1:00 pm – 2:30 pm) or by appointment

Textbook: Lecture textbook is optional for the lab. All other materials (lab sheets/handouts/etc.) needed for lab will be posted on Canvas or provided in class.

Course Content: Laboratory and field analysis related to learning and control of motor skills.

Methods of Instruction

Student learning experiences include but are not limited to: a) problem solving situations and laboratory experiences, b) observations of stages of learning and discussion of motor control & learning topics and, c) reading supplementary materials upon assignment.

Evaluation:

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| Lab Discussion Questions & Assignments | 80% |
| Post Lab Oral Quizzes | 20% |

Grading will be based on the following scale :

- A = 89.5 – 100%
- B = 79.5 – 89.4%
- C = 69.5 – 79.4%
- D = 59.5 – 69.4%
- F = < 59.5%

Course Schedule:

| Week | Date | Lab | Assignment Information |
|-------------|---------------|---|-------------------------------|
| 1 | 8/26 – 8/28 | Skill Classification | |
| 2 | 9/2 – 9/4 | <i>NO lab: Labor Day Week</i> | |
| 3 | 9/9 – 9/12 | Hick's Law | |
| 4 | 9/16 – 9/18 | Attentional Focus | |
| 5 | 9/23 – 9/25 | Motor Program Theories | |
| 6 | 9/30 – 10/2 | Speed – Accuracy Tradeoff | |
| 7 | 10/7 – 10/9 | Verbal instruction | |
| 8 | 10/14 – 10/16 | Neuromuscular Control 1 | Upper Arm |
| 9 | 10/21 – 10/23 | Neuromuscular Control 2 | Lower Leg |
| 10 | 11/4 – 11/6 | Neuromuscular Control 3 | Spinal Nerves |
| 11 | 11/11 – 11/13 | Group Project | Preparation |
| 12 | 11/18 – 11/20 | Group Project | Presentation |
| 13 | 12/2 - 12/6 | <i>Individual Review for Final TEST</i> | |

Course Policies:

Professionalism: Students are expected to arrive on time for class. It is expected that students will always display a professional attitude, including being attentive during lab lectures and being respectful to the instructor and fellow classmates.

Attendance and Make-up Work: Students are expected to attend all classes and are responsible for any material missing. Contact the instructor *before* the due date if you will be unable to complete an assignment and want to avoid a penalty. Please do not email the instructor assignments and/or projects unless otherwise asked to.

Participation: Every student is expected to participate in lab and work together on the final project. Students are strongly encouraged to ask, and respond to, questions in class; this student/instructor interaction makes for more interesting class sessions and facilitates better learning.

Food & Drink: Consumption of food and drink in university classrooms is prohibited; you may only bring water unless you have a valid medical reason to access other drinks/foods.

Canvas and E-mail: Canvas will be used in this class. Access Canvas each day to see your updated grades, and to access the syllabus and schedule. Announcements will be sent to your Patriots e-mail account.

Note: The instructor will not send any e-mails to private accounts such as Yahoo, Gmail, Hotmail, etc.

I try to answer all emails as quickly as possible, but I cannot promise to answer every email that I receive. If your email requires an answer and you have not received one from me, please check your spam folder first, then talk to me during class. I will not answer emails asking for a grade calculation – I have Canvas set up to calculate your grades. If you need help understanding these calculations, please make an appointment to talk in my office.

Class distractions: For most of this lab, students will be up and moving around. However, an active lab environment does NOT give you permission to create major distractions, or to engage in distracting or obviously non-class related behavior. Therefore, please do not participate in any activity in the classroom that may be a distraction to other students or the instructor. This includes talking to neighbors during lectures, eating, texting, instant messaging, checking e-mail, etc. *Please be on time.*

Quality of work: All written work, including discussion questions and assignments, must be written legibly, or typed according to the assignment instructions.

Handouts: The term "handouts" refers to all materials generated for this class, which include but are not limited to syllabi, quizzes, exams, PowerPoint slides, outlines, lab problems, in-class materials, review sheets, and additional problem sets.

University Policies

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.

STUDENTS 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>

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>

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 members 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, quitlines, and group support. For more information on cessation programs please visit www.uttyler.edu/tobacco-free.

DISABILITY/ACCESSIBILITY SERVICE

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 to 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 educational environment, you are encouraged to visit <https://hood.accessiblelearning.com/UTTyler> and fill out the New Student application. The Student Accessibility and Resources (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 SAR webpage at <http://www.uttyler.edu/disabilityservices>, the SAR office located in the University Center, # 3150 or call 903.566.7079.

STUDENT ABSENCE DUE TO RELIGIOUS OBSERVANCES

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 or the attempt to commit such acts.

i. "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;
4. 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 test;
5. using, buying, stealing, transporting, or soliciting in whole or part the contents of an unadministered test, test key, homework solution, or computer program;
6. collaborating with or seeking aid from another student during a test or other assignment without authority;
7. discussing the contents of an examination with another student who will take the examination;
8. 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 to be returned or to be kept by the student;
9. substituting for another person, or permitting another person to substitute for oneself to take a course, a test, or any course-related assignment;
10. paying or offering money or other valuable thing 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;

11. falsifying research data, laboratory reports, and/or other academic work offered for credit;
12. 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
13. 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.

ii. "Plagiarism" includes, but is not limited to, the appropriation, buying, receiving as a gift, or obtaining by any means another's work and the submission of it as one's own academic work offered for credit.

iii. "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.

iv. 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
- UT Tyler Tutoring Center (903.565.5964), 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)

TECHNICAL INFORMATION:

If you experience technical problems or have a technical question about this course, you can obtain assistance by emailing itsupport@patriots.uttyler.edu or call 903.565.5555.

When you email IT Support, be sure to include a complete description of your question or problem including:

- The title and number of the course
- The page in question
- If you get an error message, a description and message number
- What you were doing at the time you got the error message

Artificial Intelligence Statement

UT Tyler is committed to exploring and using artificial intelligence (AI) tools as appropriate for the discipline and task undertaken. We encourage discussing AI tools' ethical, societal, philosophical, and disciplinary implications. All uses of AI should be acknowledged as this aligns with our commitment to honor and integrity, as noted in UT Tyler's Honor Code. Faculty and students must not use protected information, data, or copyrighted materials when using any AI tool. Additionally, users should be aware that AI tools rely on predictive models to generate

content that may appear correct but is sometimes shown to be incomplete, inaccurate, taken without attribution from other sources, and/or biased. Consequently, an AI tool should not be considered a substitute for traditional approaches to research. You are ultimately responsible for the quality and content of the information you submit. Misusing AI tools that violate the guidelines specified for this course is considered a breach of academic integrity. The student will be subject to disciplinary actions as outlined in UT Tyler's Academic Integrity Policy. Refer to the About This Course section of the UT Tyler Syllabus Module for specific information on appropriate use of AI in your course(s).
