

**The University of Texas at Tyler**  
**Department of Health and Kinesiology**  
**Fall 2021**

**Course Title:** Human Motor Control & Learning Laboratory

**Course Number:** KINE 3132 (001, 002, 003, 004)

**Credits:** 1.00

**Days/Hours of Lab:** Monday, Tuesday, Wednesday & Thursday: 2:00pm – 4:00pm

**Lab Room:** HPC 2165

**Instructor Information**

**Name:** Ashley Dalby, MS, ACSM EP-C & CET

**Email:** adalby@uttyler.edu

**Office hours:** Tu., Wed., Th. 12:00–2:00pm

**Teaching Assistant**

**Name:** Dr. Musharaf Mohiuddin

**Email:** mmohiuddin@uttyler.edu

**Textbook:** Coker, C. A. (2017). Motor Learning and Control for Practitioners with online Labs, 4<sup>th</sup> edition. Scottsdale, Arizona: Holcomb Hathaway Publishers, ISBN 978-1138737013.

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.

**Catalog Description:** Study of principles and processes involved in learning and teaching motor skills, as well as the theories related to control of movement. Laboratory and field analysis related to the learning and control of motor processes. Co-requisite: KINE 3331

**Student Learning Outcomes:** At the completion of this course, the student will be:

1. Able to identify/discuss learner, task, and environmental factors.
2. Apply critical thinking skills to activities involving information processing, attention, motor programs, visual search, neural mechanisms and stages of learning.
3. Able to demonstrate communication skills in a group setting.

**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.

## **GRADING (subject to change)**

Discussion Questions: 1200 points (12 discussions, 100 pts. each)

Group Project: 300 points

**A = 1500-1343    B = 1342-1193    C = 1192-1043    D = 1042-893    F = < 892**

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## **Course Expectations**

1. Participate and complete all class activities and learning tasks. Every student is expected to participate in lab and work together.
2. Work on each assignment BEFORE the due date, not ON the due date. You are given ample time to complete each assignment, last-minute issues occur only if you make it last minute, **past-due submission will not be accepted, no exceptions.**
3. Pay close attention to assignment instructions and deadlines. All written work, including exams and assignments, must be written legibly or typed according to the assignment instructions.
4. 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.

## **Communication**

The best method to contact your TA is by email. Every email you send related to the course must 1) use your Patriot email account instead of a personal email (or it will end up in spam/junk emails), 2) have "KINE 3231" in the subject line.

## **Professionalism**

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

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 not-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.*

## **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.

## Technical Support

Please do not contact me if you have technical difficulties. Instead, contact CANVAS which provides technical support immediately. Information about technical support is available from the CANVAS global menu (Help).

## Tentative Course Schedule

<b>Week</b>	<b>Date</b>	<b>Lab Activity</b>
1	8/23 – 8/27	Lab Introduction, syllabus review, lab expectations and policies
2	8/30 – 9/3	Skill Introduction
3	9/6 – 9/10	Hick's Law Ruler Drop
4	9/13 – 9/17	Attentional Capacity
5	9/20 – 9/24	Motor Programs
6	9/27 – 10/1	Visual Search
7	10/4 – 10/8	Stages of Learning
8	10/11 – 10/15	Peer Review
9	10/18 – 10/22	Modeling and Verbal Instructions
10	10/25 – 10/29	Speed Accuracy Tradeoff
11	11/1 – 11/5	Skill Transfer
12	11/8 – 11/12	Part-vs-Whole Practice
13	11/15 – 11/19	Working on group project
14	11/22 – 11/26	Thanksgiving Holidays!!
15	11/29 – 12/3	Group Project Presentations

## 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](http://www.uttyler.edu/tobacco-free).

### 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. (For Spring, the Census Date is January 29.) Grade Replacement Contracts are available in the Enrollment Services Center or at <http://www.uttyler.edu/registrar>. 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 (January 29th) is the deadline for many forms and enrollment actions of which students need to be aware. These include:

- Submitting Grade Replacement Contracts, 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 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](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)

## TECHNICAL INFORMATION:

If you experience technical problems or have a technical question about this course, you can obtain assistance by emailing [itsupport@patriots.utt Tyler.edu](mailto:itsupport@patriots.utt Tyler.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

### **Plug-ins and Helper Applications**

UT Tyler online courses use Java, JavaScript, browser plug-ins, helper application and cookies. It is essential that you have these elements installed and enabled in your web browser for optimal viewing of the content and functions of your online course. Always ensure that you are using the most update version for the browser you choose to access the online learning content.

**NOTE:Mozilla Firefox** is a recommended browser for Canvas. (URL: <http://www.mozilla.org/en-US/firefox/new/>)

- **Adobe Reader** allows you to view, save, and print Portable Document Format (PDF) files. (URL: <http://get.adobe.com/reader/>)
- **Java Runtime Environment (JRE)** allows you to use interactive tools on the web. (URL: <http://www.java.com/en/download/>)
- **Adobe Flash Player** allows you to view content created with Flash such as interactive web applications and animations. (URL: <http://get.adobe.com/flashplayer/>)
- **QuickTime** allows users to play back audio and video files. (URL:<http://www.apple.com/quicktime/download/>)
- **Windows Media Player** allows you to view, listen and download streaming video and audio. (URL: <http://windows.microsoft.com/enUS/windows/products/windows-media-player>)
- **RealPlayer** allows you to view and listen to streaming video and audio. (URL: <http://www.real.com/>)

### **Netiquette Guide**

"Netiquette" is network etiquette, the do's and don'ts of online communication. Netiquette covers both common courtesy online and informal "rules of the road" of cyberspace. Review and familiarize yourself with the guidelines provided. (URL: <http://www.learnthenet.com/learn-about/netiquette/index.php>)

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