

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

Course Title: Human Motor Control and Learning

Course Number: KINE 3331

Prerequisite: There are NO prerequisites, but taking A&P 1 is highly recommended for success in this course.

Co-requisite: Human Motor Control and Learning Laboratory (KINE 3132)

Course Structure & Meeting Times

Date: 08/26/2024 – 12/14/2024

Date & Time: Monday & Wednesday (2:30 pm – 3:55 pm)

Class Room: **HPC 2255**

Instructor Information

Name and Title: 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:

Motor Control and Learning-UTT (E-Book)

<https://us.humankinetics.com/products/motor-control-and-learning-utt>

**Having a Textbook is highly recommended for studying the course content.*

Assessment and Measurement:

Student performance in this course will be assessed by online-post lecture quizzes, lab assignments, and test 1,2,3 as follow:

Online Post Chapter Quizzes	10%
Lecture Assignments	10%
Oral Tests	5 %
Test 1	25%
Test 2	25%
Test 3 (Final TEST)	25%
Total	100%

Grading will be based on the following scale (**no round-off** calculation):

A	83% ≥	PASS
B	73% ≤ < 83%	
C	60% ≤ < 73%	
D	50% ≤ < 60%	FAIL
F	< 50%	

KINE 3331 Course Schedule

Date	Topic	Textbook Chapter
	PART 1: MOTOR LEARNING	
8/26	Introduction to Motor Learning (ML)	
8/28	Processing Information and Making Decisions	ML (Chapter 2)
9/2	<i>*NO Class: Labor Day</i>	
9/4	Attention and Performance	ML (Chapter 3)
9/9	Motor Programs	ML (Chapter 5)
9/11	Speed-Accuracy Timing	
9/16	Performance Indicator and Skill Presentation	ML (Chapter 6)
9/18	Test 1 Review	
9/23	TEST 1 (Motor Learning)	
	PART 2: MOTOR CONTROL	
9/25	Neuromuscular Control Mechanisms: 1-1	NCM (Chapter 5)
9/30	Neuromuscular Control Mechanisms: 1-2	NCM (Chapter 6)
10/2	Neuromuscular Control Mechanisms: 1-3	NCM (Chapter 6)
10/7	NCM section 1 Group Study	*Group Work
10/9	<i>NCM section 1 Oral TEST</i>	
10/14	Neuromuscular Control Mechanisms: 2-1	NCM (Chapter 7)
10/16	Neuromuscular Control Mechanisms: 2-2	NCM (Chapter 8)
10/21	Neuromuscular Control Mechanisms: 2-3	NCM (Chapter 8)
10/23	<i>*No Class</i>	
10/28	NCM section 2 Group Study	*Group Work
10/30	<i>NCM section 2 Oral TEST</i>	
11/4	TEST 2 (NCM section 1 & 2)	
11/6	Neuromuscular Control Mechanisms: 3-1	NCM (Chapter 9)
11/11	Neuromuscular Control Mechanisms: 3-2	NCM (Chapter 16)
11/13	Neuromuscular Control Mechanisms: 3-3	NCM (Chapter 17)
11/18	NCM section 3 Group Study	*Group Work
11/20	<i>NCM section 3 Oral TEST</i>	
11/25, 11/27	Thanksgiving	
12/2 - 12/6	Individual Review for Final TEST	
12/9	Final TEST (cumulative: Motor Learning + NCM)	

Canvas Work: All assignments posted in Canvas are meant to be completed by their posted due date. These include quizzes and various other types of assignments. You will need to *be prepared* for each class meeting by completing that week's online work ahead of time. I will communicate with you through Canvas (using Email, on Modules, and Announcements) to help keep you on schedule throughout the semester.

Course Policies and Expectations:

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. No cell phone use during lecture!

Attendance: Students are expected to attend all classes and are responsible for any material missed. Your success in this class will depend on your attendance and the effort you put forth, both online and in person.

Missed class: Students who miss class, regardless of the reason, are expected to take the initiative to obtain notes and/or homework from a fellow student who attended that class.

Make-up: All online assignments have firm due dates. You'll have access to these for at least three days prior to the due date. Any work turned in after the deadline will receive a **zero** for a grade. If you need a make-up for personal reasons, contact me at least a week before. I will work with you to make appropriate arrangements.

Classroom Accommodations: The University of Texas at Tyler provides, upon request, appropriate academic accommodations for qualified students with disabilities. For more information, contact Disability Services Office at 903-566-7079 or <https://www.uttyler.edu/disability-services/request/>. If this office certifies your need, I will work with you to make all appropriate arrangements.

Learner Support:

The University of Texas at Tyler provides institutional support services essential to learner success.

[Student Resources for Hybrid and Online Courses](#) is available for technical support. [Student accessibility and resources](#) are available through The UT Tyler Office of Student Accessibility and Resources (SAR). The office provides students equal access to all educational, social, and co-curricular programs through coordination of services and reasonable accommodations, consultation and advocacy.

[UT Tyler PASS Tutoring Center](#) (University Center, 3114) is a free walk-in tutoring center, with an individual appointment option, for current UT Tyler students. Currently support for 20 courses is being offered in a variety of subjects.

Student

[UT Tyler Student Services](#) provides support and opportunities that maximize a student's ability to benefit from the academic environment through accessibility, professional

counseling, recovery, wellness and testing services. The support services encourage personal responsibility and healthy decision-making that contribute to lifelong learning.

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.

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).