



Midwestern State University
Department of Athletic Training and
Exercise Physiology

EXPH 1803 Anatomical Kinesiology
Fall 2026

Day and Time: Lecture: Monday/Wednesday/Friday – 10:00-10:50 am

Location: Room 111, D.L. Ligon Coliseum

Instructor: Brett Crossland, Ph.D.

Email: brett.crossland@msutexas.edu

Telephone: 940-397-4956

Office: 208 Ligon Coliseum

Office Hours: M/W/F: 9-10:00 am, 12:30-1:30 pm; T/TH 08:00 - 9:30 am, 11:00 am -12:30 pm

Important Dates:

First Day of Class – Monday, August 24

Labor Day – Monday, September 7 (No Class)

Last Day to Drop - Monday, November 23

Thanksgiving Holiday – November 25-29 (No Class)

Exam I – Friday, September 11

Exam II - Wednesday, October 7

Exam III - Wednesday, November 4

Final Exam – Wednesday, December 9 (10:30am-12:30pm)

Textbook: The following text is required for the course. Material presented in class will NOT be exclusively from the text, but will enhance the contents introduced in the readings.

Manual of Structural Kinesiology, 21st edition, Floyd & Thompson, McGraw-Hill, N.Y., N.Y., 2020, ISBN: 978-1260575637

Course Objectives:

- become familiar with movement terminology
- introduce the structures of the musculoskeletal system and how these structures interact to provide functional movement
- introduce joint classifications
- introduce skeletal muscle function and structures
- introduce neural centers and pathways controlling movements
- understand the advantages and disadvantages of certain musculoskeletal interactions
- introduce biomechanical concepts of the musculoskeletal system

Course Evaluation: Evaluation of the course material will be broken down between four (4) exams throughout the semester, five (5) quizzes taken on D2L, and ten (10) labs. Each exam will be cumulative as the information attained early in the semester will be relevant to proceeding material. All exams will be in person and worth 66% of your overall grade. MAKE UP EXAMS WILL NOT BE GIVEN AFTER THE SCHEDULED DATE. All labs will be on Fridays and will count as 17% of the overall grade. Quizzes taken on D2L will account for 17% of total grade.

A. Labs (10 @ 10pts each)	100 pts	17%
B. Quizzes (5 @ 20pts each)	100 pts	17%
C. Exams (4 @ 100pts each)	<u>400 pts</u>	<u>66%</u>
Total:	600 pts	100%

GRADING SCALE:

Grades will be assigned on the following points needed:

A: $\geq 90.00\%$	≥ 540
B: 80.00-89.99%	480-539
C: 70.00-79.99%	420-479
D: 60.00-69.99%	360-419
F: $\leq 59.99\%$	359 pts and below

Attendance

Attendance at class is **compulsory** if you intend on performing well in this course. Attendance will be taken for each class period. If you are not feeling well, I encourage you to stay away from the classroom. Lectures will not be recorded so it is your responsibility to get notes from fellow classmates.

Classroom Policies: It is assumed that everyone enrolled in this course is here to pursue further knowledge in the area of human movement. The following list provides what will be expected by the instructor and should also be expected by the students:

1. Attendance in class is expected. If you will not be able to participate in a class session please notify the instructor PRIOR to your absence in a timely manner. Only those with excuses that are related to University events (academic, athletic, etc.) or religious purposes may make-up work. If you have an excused absence and will not be available for an exam (EXCLUDING the FINAL EXAM) you must take the exam PRIOR to your absence (NO EXCUSES!!). Those individuals who do not have an excuse for an absence will receive a zero score for that day's evaluation. If you fail to inform the instructor in a timely manner of your absence, then any make-up work performed will be worth 50% of the original work.
2. Turn off all cell phones, pagers, and any other electronic devices before class begins. It is disrupting to other students, and disturbing to the instructor if these electronic devices are active during the class period.
3. If you have a question that was not answered during the class period please feel free to stop by my office or email me your question (see front page).
4. Neither academic dishonesty nor plagiarism will be tolerated and as such, disciplinary action will be issued in accordance with university guidelines.

Recording Classes

****Recording classes is generally prohibited without the professor's explicit permission.*** Such recordings, when permitted, are for personal use only and may not be uploaded to the internet or otherwise shared, transmitted, or published without the professor's prior consent. Some faculty may not permit recordings of their classes. When it is feasible and appropriate, students may record classes to accommodate disabilities under the Americans With Disabilities Act, with prior

approval of Disability Support Services. Such recordings may not be uploaded to the internet or otherwise shared, transmitted, or published.

Emergency Aid Resources for Basic Needs

Unexpected life circumstances can affect anyone. If you are experiencing challenges meeting basic needs—such as housing, utilities, food, transportation, healthcare, technology, textbooks or other life necessities, resources may be available to help. Visit the Student Emergency Support and Resources webpage to learn more, and explore emergency support opportunities through MSU and how to access them. For additional information, please contact the Office of Student Affairs: Clark Student Center #108, (940) 397-7500, student.affairs@mstuexas.edu.

Services for Students with Disabilities

In accordance with Section 504 of the Federal Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, Midwestern State University endeavors to make reasonable accommodations to ensure equal opportunity for qualified persons with disabilities to participate in all educational, social, and recreational programs and activities. After notification of acceptance, students requiring accommodations should make application for such assistance through Disability Support Services, located in the Clark Student Center, Room 168, (940) 397-4140. Current documentation of a disability will be required in order to provide appropriate services, and each request will be individually reviewed. For more details, please see: <http://www.mwsu.edu/studentlife/disability>.

Tentative Course Schedule

Week	Date	Topic	Reading	Assignments
1	8/24	Course Introduction	Ch. 1	
1	8/26	Movement Terminology	Ch. 1	
1	8/28	Planes of Movement / Axes of Rotation	Ch. 1	Syllabus Quiz # 1 – Due 8/30
2	8/31	Types of Joints / Joint Movements	Ch. 1	
2	9/2	Lab		Quiz # 2 – Due 9/6
3	9/4	Introduction to Osteology	Ch. 1	
3	9/9	Osteology	Ch. 1	
3	9/11	EXAM # 1	Ch. 1	
4	9/14	Muscle and Nerve	Ch. 2	
4	9/16	Neuromuscular Function	Ch. 2	
4	9/18	Lab	Ch. 2	
5	9/21	Nervous System	Ch. 2	
5	9/23	Nervous System Cont.	Ch. 2	
5	9/25	Lab		Quiz # 3 – 9/27
6	9/28	Biomechanical Concepts	Ch. 3	
6	9/30	Biomechanical Concepts Cont.	Ch. 3	
6	10/2	Lab		

7	10/5	Exam Review / Shoulder Intro	Ch. 4/5	
7	10/7	EXAM #2	Ch. 2 & 3	
7	10/9	Shoulder Girdle & Joint	Ch. 4/5	
8	10/12	Shoulder Girdle & Joint	Ch. 4/5	
8	10/14	Elbow and Radioulnar Joints	Ch. 6	
8	10/16	Lab		
10	10/19	Elbow and Radioulnar Joints Cont.	Ch. 6	
10	10/21	Hand & Wrist Joints	Ch. 7	
10	10/23	Lab		Quiz # 4 – Due 10/25
11	10/26	Hand & Wrist Joints Cont.	Ch. 7	
11	10/28	Trunk & Spinal Column	Ch. 12	
11	10/30	Lab		
12	11/2	Trunk & Spinal Column Cont.	Ch. 12	
12	11/4	EXAM #3		
12	11/6	Hip and Pelvic Girdle	Ch. 9	
13	11/9	Lab		
13	11/11	Hip and Pelvic Girdle	Ch. 9	
13	11/13	Knee Joint	Ch. 10	Quiz # 5 – Due 11/15
14	11/16	Lab		
15	11/18	Knee Joint Cont.	Ch. 10	
15	11/20	Ankle and Foot	Ch. 11	
15	11/23	Lab	Ch. 11	
16	11/30	Ankle and Foot Cont.		
16	12/2	Muscular Analysis of Selected Exercises	Ch. 12	
16	12/4	Review for Final Exam		
	12/9	FINAL EXAM		10:30 – 12:30

College Policies

Campus Carry Rules/Policies

Refer to: Campus Carry Rules and Policies

Smoking/Tobacco Policy

College policy strictly prohibits the use of tobacco products in any building owned or operated by WATC. Adult students may smoke only in the outside designated-smoking areas at each location.

Alcohol and Drug Policy

To comply with the Drug Free Schools and Communities Act of 1989 and subsequent amendments, students and employees of Midwestern State are informed that strictly enforced policies are in place which prohibits the unlawful possession, use or distribution of any illicit drugs, including alcohol, on university property or as part of any university-sponsored activity. Students and employees are also subject to all applicable legal sanctions under local, state and federal law for any offenses involving illicit drugs on University property or at University-sponsored activities.

Campus Carry

Effective August 1, 2016, the Campus Carry law (Senate Bill 11) allows those licensed individuals to carry a concealed handgun in buildings on public university campuses, except in locations the University establishes has prohibited. The new Constitutional Carry law does not change this process. Concealed carry still requires a License to Carry permit, and openly carrying handguns is not allowed on college campuses. For more information, visit Campus Carry.

Active Shooter

The safety and security of our campus is the responsibility of everyone in our community. Each of us has an obligation to be prepared to appropriately respond to threats to our campus, such as an active aggressor. Please review the information provided by MSU Police Department regarding the options and strategies we can all use to stay safe during difficult situations. For more information, visit MSUReady – Active Shooter. Students are encouraged to watch the video entitled “Run. Hide. Fight.” which may be electronically accessed via the University police department’s webpage: "Run. Hide. Fight."

Grade Appeal Process

Update as needed. Students who wish to appeal a grade should consult the Midwestern State University MSU Catalog

*Notice: Changes in the course syllabus, procedure, assignments, and schedule may be made at the discretion of the instructor.