

KSS 3720 - Kinesiology and Applied Anatomy

Fall 2026 Syllabus, Section 01, CRN 41001,

Credit hours: 4

Instructor

Keegan Butler

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Public Instructor Information

Instructor Title: Keegan Butler

Instructor Professional Qualifications: Ph. D candidate, H.S. with a concentration in Sport Science, Youngstown State University

Master's, Strength and Conditioning, University of Wisconsin – River Falls

Bachelor's, Exercise Science, Youngstown State Univ

Instructor Office Location: Beehly Center 307

Instructor Office Phone:

Course Description

3720. Kinesiology and Applied Anatomy. Muscular structure and function in relation to physical movement; analysis of fundamental movements.

Prereq.: KSS 1595. 4 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Refer to "Connect" on BB		

McGraw Hill Connect is the software that will be running this class. All of your assignments, quizzes and tests will be on blackboard. All you need to do to download the connect links in blackboard is click on one of them the first time you open blackboard. You will be prompted with a login screen. Use your YSU credentials to log into that screen and you should then be able to click on any of the connect links.

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Day	Date	Reading(s)	Proposed Topic	Due/To Prepare for Class
Mon	8/24	None	Course Expectations, Q&A	
Wed	8/26	Foundations of Kinesiology	Chapter 1	
Mon	8/31	Neuromuscular Fundamentals	Chapter 2	
Wed	9/2	Basic Biomechanical Factors	Chapter 3	
Mon	9/7	No Class		
Wed	9/9	Moment Arms and Movement Solutions	None	
Mon	9/14	Exam 1		
Wed	9/16	The shoulder girdle and shoulder joint	Chapter 4,5	
Mon	9/21	The shoulder girdle and shoulder joint		
Wed	9/23	The shoulder girdle and shoulder joint		
Mon	9/28	The elbow and radioulnar joints	Chapter 6	
Wed	9/30	The elbow and radioulnar joints		
Mon	10/5	The Wrist and Hand Joints		
Wed	10/7	The Wrist and Hand Joints	Chapter 7	



Mon	10/12	Exam 2	
Wed	10/14	The Hip Joint and the Pelvic Girdle	
Mon	10/19	The Hip Joint and the Pelvic Girdle	
Wed	10/21	The Hip Joint and the Pelvic Girdle	Chapter 8
Mon	10/26	The Knee Joint	Chapter 9
Wed	10/28	The Knee Joint	
Mon	11/2	The Ankle and Foot Joints	Chapter 10
Wed	11/4	The Ankle and Foot Joints	
Mon	11/9	The Ankle and Foot Joints	
Wed	11/11	No Class	
Mon	11/16	Exam 3	
Wed	11/18	The Trunk	Chapter 11
Mon	11/23	The Trunk	
Wed	11/25	No Class	
Mon	11/30	Advanced Sport Motion Analysis	Chapter 12
Wed	12/2	Advanced Sport Motion Analysis	
Mon	12/7	No Class	
Wed	12/9	No Class	

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.