

MAT 6915 - Evaluation of Lower Extremity Pathologies

Fall 2026 Syllabus, Section D05, CRN 41494,

Credit hours: 4

Instructor

Morgan Bagley

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Public Instructor Information

Professor: Dr. Morgan Bagley

Title: Associate Professor/Program Director

Professional Qualifications:

Doctorate, Exercise Physiology, Kent State University

Master's, Exercise Physiology, Kent State University

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Course Description

6915. Evaluation of Lower Extremity Pathologies . This course will provide students with a comprehensive and evidence-based approach to the evaluation and clinical diagnosis of lower extremity musculoskeletal injuries and illnesses related to pathophysiological and epidemiological factors. Students will learn process for establishing a plan of care and referral necessary for conditions associated with the foot, ankle, knee, and hip complex. Prereq.: Successful Completion of Summer 1 Courses. 4 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Evaluation of Orthopedic and Athletic Injuries 4th edition	Starkey, C., Brown, S, Ryan, J.	978-0-8036-3918-8
Required	AT U Evidence Based Online Athletic Training Guide		

AT U Evidence Based Online Athletic Training Guide

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	Starkey CH 4,5	Syllabus/Intro/ Injury Pathology Nomenclature, Musculoskeletal Diagnostic Techniques	
Wed	8/26	Starkey CH 5,7	Evaluation of Gait	
Mon	8/31	Starkey Ch 7	Evaluation of Gait	Article Critique due
Wed	9/2	Starkey CH 8	Foot and Toe Pathologies	
Mon	9/7	No Class		



Wed	9/9	Starkey CH 8	Foot and Toe Pathologies	
Mon	9/14	Starkey CH 8	Foot and Toe Pathologies	
Wed	9/16	Starkey CH 8	Foot and Toe Pathologies	Article Critique Due
Mon	9/21	Starkey CH 8	Foot and Toe Pathologies	Oral Practical 1 Exam 1
Wed	9/23	Starkey CH 9	Lower Leg and Ankle Pathologies	
Mon	9/28	Starkey CH 9	Lower Leg and Ankle Pathologies	Case Study Topic Due
Wed	9/30	Starkey CH 9	Lower Leg and Ankle Pathologies	
Mon	10/5	Starkey CH 9	Lower Leg and Ankle Pathologies	Article Critique due
Wed	10/7	Starkey CH 9	Lower Leg and Ankle Pathologies	Oral Practical 2 Exam 2
Mon	10/12		Work on Case Study	
Wed	10/14		Work on Case Study	
Mon	10/19	Starkey CH 10	Knee Pathologies	Case Study Rough Draft Due
Wed	10/21	Starkey CH 10	Knee Pathologies	
Mon	10/26	Starkey CH 10,11	Knee Pathologies/Patellofemoral Pathologies	
Wed	10/28	Starkey CH 11	Patellofemoral Pathologies	
Mon	11/2	Starkey CH 11	Patellofemoral Pathologies	Article Critique Due
Wed	11/4	Starkey CH 11	Patellofemoral Pathologies	Oral Practical 3 Exam 3
Mon	11/9	Starkey CH 12	Pelvis and Thigh	Surgical Observation Due
Wed	11/11	No Class		
Mon	11/16	Starkey CH 12	Pelvis and Thigh	Case Study Due
Wed	11/18	Starkey CH 12	Pelvis and Thigh	
Mon	11/23	Starkey CH 12	Pelvis and Thigh	
Wed	11/25	No Class		
Mon	11/30	Starkey CH 12	Review	Article Critique Due
Wed	12/2	Starkey CH 12	Pelvis and Thigh	Oral Practical 4
Mon	12/7	Starkey CH 4,5,7,8,9,10,11,12	All Lower Extremity Topics Covered	Final Exam

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.