

University of Wisconsin – Stevens Point
AT 370 – Orthopedic Evaluation of Lower Extremity
Spring 2017

Instructor: Danelle Smith

Class Location: HEC 147

Office: HEC 131

Class Time: 11-12:50 M,W (12-12:50W- 300)

REQUIRED TEXT:

Starkey, Brown, and Ryan (2010) Examination of Orthopedic and Athletic Injuries. F.A. Davis

Kendall, F.P., McCreary, E.K. & Provance, P.G. (1993) Muscles: Testing and Function. Baltimore, Maryland: Williams & Wilkins.

COURSE DESCRIPTION:

Assessment methods used in evaluating lower extremity musculoskeletal injury and illness will be highlighted. Students will be given opportunity to practice and perfect skills relating to injury and illness evaluation. The process of evaluation will be emphasized throughout the course.

COURSE OBJECTIVES:

At the conclusion of this class the student will:

- A) Identify and assess common athletic injuries and illnesses related to the lower extremity
- B) Define and describe types of injuries associated with athletic participation
- C) Understand and apply commonly accepted evaluation methods for injuries and illnesses related to the lower extremity
- D) Locate and identify common palpation sites relating to injury assessment
- E) Perform common range of motion, manual muscle, and special tests relating to injury assessment
- F) Determine conclusions from assessment techniques relating to lower extremity injuries

COURSE REQUIREMENTS:

Attendance: Students are expected to attend all classes and be on time. If a class is to be missed, the student must contact the instructor via phone or in person prior to the beginning of the class period. (Email is not acceptable)

Honesty: Under no circumstances will academic dishonesty (cheating, plagiarism) be tolerated. Violation may result in an automatic failing grade for the assignment. UWSP values a safe, honest, respectful, and inviting learning environment. A set of rights and responsibilities has been developed to foster this environment. For more information go to :

<http://www.uwsp.edu/stuaffairs/Pages/rightsandresponsibilities.aspx>

Exams: There will be three written exams throughout the semester and two practical exams in conjunction with AT 300.

Final Exam: There will be one final exam that includes overall concepts from the course.

Assignments: Each student may be asked to complete assignments as needed to reinforce the concepts discussed in class. A standing assignment is to read the chapters relating to the body parts being discussed prior to arriving to class so that discussion may occur.

Video Review: Students will work as groups to perform a specifically assigned evaluation and will video this evaluation for review by the group and other students in class. As a reviewer, you will provide comments and thoughts regarding the process of evaluation related to other group's videos. This will be accomplished using iPads and using a specific youtube channel.

METHOD FOR COURSE EVALUATION

Assignments	TBD
3 Written Exams	100 points each
Video Project	60 points
Participation	40 points

GRADING SYSTEM:

A	94-100%	C+	77-79%
A-	90-93%	C	73-76%
B+	87-89%	C-	70-72%
B	83-86%	D+	65-69%
B-	80-82%	D	60-64%
		F	below 60%

**** This syllabus is subject to change if deemed necessary by the instructor or University.**

Tentative Course Outline:

Week 1:	M	Hand out syllabus, class expectations, Evaluation Basics - History taking and observation
	W	Evaluation practices – Chap 1 and 2
Week 2:	M	Chap 4 Pathology and Assessment Techniques, Manual Muscle Testing and Evaluation
	W	Chap 6 Kinetic Chain, Postural Assessment, Gait – Chap 7
Week 3:	M	Gait analysis
	W	Foot and Toes – Chap 8
Week 4:	M	Foot and Toes
	W	Ankle and Lower Leg – Chap 9
Week 5:	M	Ankle and Lower Leg
	W	TBA
Week 6:	M	Exam 1
	W	Chap 10 - Knee
Week 7:	M	Knee
	W	Knee, Patellofemoral – chap 11
Week 8:	M	Patella and knee
	W	TBA
Spring Break Mar 18-26		
Week 9:	M	Practical Exam
	W	Practical Exam
Week 10:	M	Exam 2
	W	Chap 12 – Pelvis and Thigh
Week 11:	M	Pelvis and Thigh
	W	Pelvis and Thigh
Week 12:	M	Pelvis and Thigh
	W	Chap 13 – Thoracic and Lumbar Spine
Week 13:	M	Thoracic and Lumbar Spine
	W	Thoracic and Lumbar Spine
Week 14:	M	Thoracic and Lumbar Spine
	W	Exam 3
Week 15:	M	Practical Exam
	W	Practical Exam
Week 16:		Final Exam – Wed. May 13, 12:30-2:30