

KIN 127 Fall 2007
Clinical Observation in Athletic Training
Location: Duffy Daugherty Football Building
Time: Friday 10:20-12:10

Instructor: Brian Bratta MS, ATC, CSCS
Office: Jenison Field house
Office Hours: By Appointment Only
Phone: 355-1627
E-mail: Brattabr@ath.msu.edu

CREDITS: 1
LAB HOURS: 3

PREREQUISITES: KIN 125 or concurrent, KIN 126 or concurrent

ACADEMIC COURSE DESCRIPTION:

Supervised experience in clinical setting in sports medicine.

COURSE OBJECTIVES:

- To become familiar with the clinical aspect of the athletic training profession
- To observe and participate in daily athletic training room activities under the direct supervision of the athletic training room staff
- To demonstrate an interest in pursuing a career in the athletic training profession

DRESS CODE:

Students must dress appropriately to work in a medical facility. During observation hours, khakis and collared shirt with closed toe shoes (NO flip flops). During lab hours, shorts and t-shirts that are appropriate for taping and wrapping over. Anyone that is deemed as not wearing appropriate apparel will be removed from the class for the day and will be considered absent for the day.

COURSE REQUIREMENTS:

Attendance:

Attendance for classroom meetings and athletic training room rotations are mandatory. Each unexcused absence will result in an automatic 1% deduction from the final grade.

Students are assigned to a scheduled rotation through the primary athletic training facilities on the MSU campus. Students are scheduled to be present in the athletic training facility 1.5 hours per day on either Monday & Wednesday or Tuesday & Thursday. The scheduled hours for all facilities are 2-5pm. Scheduling will be assigned accordingly by Brian Bratta.

Clinical Proficiencies:

Clinical proficiencies will be instructed and practiced during class time. The student's ability will then be tested during one of the practical examinations during the semester.

Class Participation:

Class participation will be graded through attendance and ability to comprehend clinical proficiencies.

Hours Log:

Students are responsible for keeping a record/log of all hours of participation, to be turned in at the end of the semester. The log must be signed by a staff ATC or a third-year athletic training student at the end of each rotation. For each day of observation, students must write short synopsis about something new that was learned during the day's observation.

Group Pop-Quizzes:

Students will practice skills in groups of 2-4. At 2 points during each half-semester, 1 member of each group will be randomly selected to demonstrate a given skill. The group will be graded on the correctness of the individual's demonstration. It is therefore the responsibility of the group to ensure that all members are performing each skill correctly.

Practical Exams:

Students are required to demonstrate proficiency in the skills acquired during each half of the semester. Practical exams will be held during class time, in 20-minute blocks. Students may be asked to demonstrate any of the skills covered during each half-semester.

Athletic Training Student Interview:

Students will be required to interview a MSU athletic training student (first year or above). Interview content should consist of: name and year in school, sports worked, why they are pursuing a career in athletic training, professional goals, and information for prospective athletic training students. Any other questions or information that the student finds relevant or interesting may be included. The interview must be typed, 2 pages (front side only), double-spacing, 12-point font (Times New Roman), maximum of one-inch margins. The interview will be evaluated for content, proper grammar, and punctuation.

Written Assignments:

Students will have three assignments due during the course of the semester. Each assignment is purely observation and opinion from your perspective. The paper should be no less than 1 page double spaced. The topic for each assignment is described below:

Assignment #1: Why are you interested in athletic training?

Assignment #2: Describe an event or discussion from the present rotation that has further excited you about athletic training or dimmed your interest.

Assignment #3: What do you perceive your future in athletic training to be?

GRADING:

Practical Exams:	50 points	(2 @ 25 points each)
Hours Logs:	35 points	
Group Pop Quizzes:	20 points	(4 @ 5 points each)
Student Interview:	10 points	
Written Assignments:	<u>15 points</u>	(3 @ 5 points each)
	130	

SCALE:

92-100% = 4.0
85-91% = 3.5
78-84% = 3.0
71-77% = 2.5
64-70% = 2.0
57-63% = 1.5
51-57% = 1.0
<51% = 0.0

WEEKLY SCHEDULE:**DATE:**

August 31	Syllabi, Class Schedules
September 7	Foot Taping & Wrapping
September 14	Ankle Taping & Wrapping (assignment #1 due)
September 21	Ankle & Lower Leg Taping & Wrapping
September 28	Knee Taping & Wrapping
October 5	Hip & Thigh Taping & Wrapping (assignment #2 due)
October 12	Open Review Session
October 19	Practical Exam (25 points)
October 26	Open for discussion
November 2	Shoulder & Elbow Taping & Wrapping
November 9	Wrist, Hand, Finger Taping & Wrapping
November 16	Blood Pressure & Pulse, Sling Psychrometer (assignment #3 due)
November 23	Crutch Fitting, Post-Surgical/Knee Immobilizer, Ankle/Foot Walking Boot
November 30	Football Helmet/Shoulder Pad Fitting
December 7	Open Review Session (interview paper due)
Week of Dec. 10	Practical Exam (25 points)

CAATE Competencies and proficiencies covered in this class:

AC-C7 Identify the normal ranges for vital signs.

AC-C31 Describe the proper immobilization techniques and select appropriate splinting material to stabilize the injured joint or limb and maintain distal circulation.

AC-C32 Describe the proper ambulatory aid and technique for the injury and patient.

RM-C10 Interpret data obtained from a wet bulb globe temperature (WGBT) or other similar device that measures heat and humidity to determine the scheduling, type, and duration of activity.

RM-C16 Explain the basic principles associated with the use of protective equipment, including standards for the design, construction, fit, maintenance and reconditioning of protective equipment; and rules and regulations established by the associations that govern the use of protective equipment; and material composition.

RM-C17 Explain the principles and concepts related to prophylactic taping, wrapping, bracing, and protective pad fabrication

RM-C18 Explain the principles and concepts related to the fabrication, modification, and appropriate application or use of orthotics and other dynamic and static splints. This includes, but is not limited to, evaluating or identifying the need, selecting the appropriate manufacturing material, manufacturing the orthosis or splint, and fitting the orthosis or splint.

RM-P4 Select and fit appropriate standard protective equipment on the patient for safe participation in sport and/or physical activity. This includes but is not limited to:

RM-P4.1 Shoulder Pads

RM-P4.2 Helmet/Headgear

RM-P4.3 Footwear

RM-P4.4 Mouthguard

RM-P4.5 Prophylactic Knee Brace

RM-P4.6 Prophylactic Ankle Brace

RM-P4.7 Other Equipment (as appropriate)

RM-P5 Select, fabricate, and apply appropriate preventive taping and wrapping procedures, splints, braces, and other special protective devices. Procedures and devices should be consistent with sound anatomical and biomechanical principles.

RM-CP2 Select, apply, evaluate, and modify appropriate standard protective equipment and other custom devices for the patient in order to prevent and/or minimize the risk of injury to the head, torso, spine and extremities for safe participation in sport and/or physical activity. Effective lines of communication shall be established to elicit and convey information about the patient's situation and the importance of protective devices to prevent and/or minimize injury.

MC-P4a Vital signs including respiration (including asthma), pulse and circulation, and blood pressure

EX-C8 Explain the effectiveness of taping, wrapping, bracing, and other supportive/protective methods for facilitation of safe progression to advanced therapeutic exercises and functional activities.

