

Clinical Rotation in Athletic Training

KIN 427-3b

Wednesday 7:00 – 8:30 pm
Jenison Field House Room 309

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Course Description

Entry knowledge and skills used to manage and rehabilitate orthopedic injuries at various clinical settings including colleges, high schools, and rehabilitation clinics.

Course Description:

A student will gain knowledge and skills used to manage, evaluate and rehabilitate orthopedic injuries and general medical conditions in various clinical settings including colleges, high schools, and/or rehabilitation clinics. A student will meet during the scheduled class time for instruction and guided practice of the skills and knowledge in preparation for the NATABOC examination.

Clinical Component:

There is a clinical component tied to the 427 credit. You are assigned to an ACI and clinical rotation each semester. It is a student's responsibility to communicate with their ACI and understand what is expected. A student must fulfill the expectations at a satisfactory level to remain in good standing in the Athletic Training Education Program (ATEP.) You will be evaluated at mid semester and end of the semester to allow you time to modify behavior/skills if necessary. A student that does not meet expectations will be placed on probation until the next evaluation period then removed from probation if behavior/skills improved or suspended if behavior/skills were not corrected.

Required Text:

Athletic Training Exam Review: A Student Guide to Success 3rd Ed. VanOst, Lyn 2006 Slack Incorporated.

Role Delineation Study, 5th Edition. Only can be purchased at the bocatc.org website

Recommended Text:

1. Principles of Athletic Training. Arnheim, Daniel
2. Physical Examination of the Spine and Extremities. Hoppenfeld, Stanley
3. Practical Exam Preparation Guide of Clinical Skills for Athletic Training. Amato, Herb
4. Evaluation of Orthopedic and Athletic Injuries. Starkey, Chad

Course Objectives:

- A. To develop knowledge regarding special topics related to athletic training through research and practice
- B. To develop and reinforce positive attitudes in the NATA Domains and Competencies and the Clinical Proficiencies
- C. To prepare students for the NATABOC examination.

Attendance:

Students are required to attend class. Clinical rotation experiences are **not** an automatic excused absence. Each unexcused absence will result in a 5 point deduction.

Dress Code: A student is expected to come to class dressed appropriately for the day's subject (i.e.: shorts and t-shirt for palpation review and professional dress for presentations.)

Assignments:

Weekly assignments may be scheduled to guide a student through recommended review material for the NATBOC examination. A student will be required to complete two practical examinations under the direction of a graduate student and staff member. A student will be required to turn in all assignments to receive credit for KIN 427-3b.

Case Study: A student will perform a case study on an injured athlete. This case study will include injury mechanism, acute treatments performed, future treatments and a plan of care for rehabilitation the athlete for return to play. Due on 1/30/08 for 30 points.

eSIMS: A student will complete 10 eSIMS scenarios and obtain a minimum score of no less than 80%. A student will be required to print the results page and turn it in to the instructor. A student must turn in all scenarios by March 27, 2008 for 100 points.

Journal review: A student will choose a research study from a reputable journal and perform a review of the study including findings and future ideas for research of his or her own. This review of the literature will be presented to the class on March 20 and 27, 2008 for 20 points.

Grading:

A student will be evaluated on class participation, weekly assignments, and clinical evaluation.

Point Breakdown:

Clinical Assignment Evaluations: 500 points (end of semester evaluation x 10)

Projects/Assignments: 150

Class Participation: 10

Total Points Available: 660

Grading 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
50-56	1.0
Below 50	0.00

Weekly Schedule:

DATE	TOPIC
1/9/08	Syllabi Review/Emergency Procedures/NATABOC policies, RegX, Code of Ethics
1/16/08	Neurological Testing/Goniometry/ Presentation information
1/23/08	Palpation and Taping Lab (Jenison Athletic Training Room)
1/30/08	Case Study Presentation
2/6/08	NO CLASS (Group presentation preparation)
2/13/08	Group Presentations (Nutrition, Pharmacology, Modalities) **February 18 th Exam registration opens**
2/20/08	Finish Group Presentations (Mid-Semester Evaluations)
2/28/08	Therapeutic Exercise
3/6/08	Spring Break
3/13/08	Special Test Presentations (10 eSims Due) **Scheduling for exam begins**
3/20/08	Mock exam
3/27/08	General questions prior to exam **Exam Begins 3/29 through 4/12**
4/3/08	NO CLASS
4/10/08	NO CLASS
4/17/08	Class review and decompression from exam
4/24/08	Forget everything you have been studying and pass finals

Board of Certification, Inc. 2007 Exam References

A Guide to Physical Examination and History Taking, Bates, LWW, 1995
ACSM's Exercise Management for Persons with Chronic Diseases and Disabilities, ACSM, Human Kinetics, 1997
ACSM's Guidelines for Exercise Testing & Prescription, ACSM, LWW, 2000
Arnheim's Principals of Athletic Training, Prentice, McGraw-Hill, 2003
Athletic Injury Assessment with Power Web: Health & Human Performance, Booher, Thibodeau, Mosby, 2000
Athletic Taping and Bracing, Perrin, LWW, 1995
Athletic Training and Sports Medicine, AAOS/Schenck, AAOS, 1991
Athletic Training Management Concepts and Applications, Rankin/Ingersall, McGraw-Hill, 2001
BOC Standards of Practice, BOC, BOC, 2006
Clinical Athletic Training, Konin, Slack, 1997
Clinical Biomechanics of the Lower Extremities, Valmassy, Mosby, 1996
Concepts of Athletic Training, Pfeiffer/Mangus, Jones/Bartlett, 2005
Counseling in Sports Medicine, Ray/Wiese, Human Kinetics, 1999
CPR for the Professional Rescuer, AAOS, Jones/Bartlett, 1993
Emergency Care and Transportation of the Sick and Injured, AAOS, Jones/Bartlett, 1995
Essentials of Exercise Physiology, McArdle/Katch/Katch, LWW, 2001
Evaluation of Orthopedic and Athletic Injuries, Starkey/Ryan, FA Davis, 2002
Exercise Physiology: Theory and Application to Fitness and Performance, Powers/Howley, McGraw-Hill, 2004
Law and the Team Physician, Gallup, Human Kinetics, 1995
Management of Bloodborne Infections in Sport: A Practical Guide for Sports Health Care Providers and Coaches, Ziegler, Human Kinetics, 1997
Management Strategies in Athletic Training, Ray, Human Kinetics, 2000
Modern Principles of Athletic Training, Arnheim and Prentice, McGraw-Hill, 2003
NCAA Sports Medicine Handbook, NCAA, NCAA, 2006
Orthopedic & Athletic Injury Evaluation Handbook, Starkey/Ryan, FA Davis, 2002
Orthopedic Physical Assessment, Magee, Saunders, 2002
Pharmacology in Rehabilitation, Ciccone, FA Davis, 2002
Physical Examination of the Spine and Extremities, Hoppenfeld, Appleton-Century-Crofts, 1976
Principles of Anatomy and Physiology, Tortora, John Wiley and Sons, 2002
Rehabilitation Techniques for Sports Medicine & Athletic Training, Prentice, McGraw-Hill, 1994
Sports Injury Management, Anderson/Hall/Martin, LWW, 2002
Taber's Cyclopedic Medical Dictionary, Taber, FA Davis, 1997
The Spine in Sports, Hochschuler, Hanley and Belfus/Mosby, 1990
The Team Physician's Handbook, Mellion, Hanley and Belfus/Mosby, 1997
Therapeutic Exercise: Foundations and Techniques, Kisner/Colby, FA Davis, 2002
Therapeutic Exercise: Techniques for Intervention, Bandy/Sanders, LWW, 2001
Therapeutic Modalities for Athletic Trainers, Starkey, FA Davis, 2004
Therapeutic Modalities for Sports Medicine and Athletic Training, Prentice, McGraw-Hill, 1999

Also know that the test has direct quotes from the position statement and the code of ethics from the NATA.org website