

George Mason University
College of Education and Human Development
Athletic Training Education Program
ATEP 575 – 202 — Athletic Training Clinical Techniques 3
3 Credits, Spring 2017
TTH 10:30am-11:45 am, Bull Run Hall 148 Prince William Campus

Faculty

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Prerequisites/Corequisites

Prerequisite: Admission to the Professional Masters ATEP and a grade of B- or better in the following courses: ATEP 510, ATEP 520, ATEP 530, ATEP 540, ATEP 545, ATEP 550, ATEP 555
Co-requisite: ATEP 570, ATEP 566

University Catalog Course Description

Applies principles of upper body, head and neck physical assessment. Develops evaluation skills including special testing leading to diagnosis.

Course Overview

Not Applicable.

Course Delivery Method

This clinical techniques laboratory course will be taught in the Athletic Training Clinical Simulation Laboratory.

Learner Outcomes or Objectives

The course is designed to enable students to do the following:

1. Describe mechanisms of upper body, head, neck and spine injuries, including the etiology, pathogenesis, pathomechanics, signs, symptoms, and epidemiology of these conditions,
2. Define functional human anatomy, physiology and kinesiology relative to mechanisms of injury,
3. Identify signs and symptoms of upper body, head, neck and spine injuries,
4. Choose appropriate medical terminology and documentation to record injuries and illnesses (e.g., history and examination findings, progress notes, and others),
5. Describe specific sport and/or position requirements relative to the return of an injured athlete to activity following injury,
6. Practice basic principles of acute management of upper body, head, neck and spine conditions and injuries,
7. List the goniometric measurements of the upper body, and spine,
8. Administer neurological testing of the upper body, head, neck and spine,
9. Employ muscle testing of the upper body, head, neck and spine,
10. Synthesize the literature to develop an evidence-based research project (to include but not limited to case study, clinical research project, literature review), and
11. Critically appraise upper body, head, neck and spine evaluation techniques/interventions.

Professional Standards

The course meets Commission on Accreditation of Athletic Training Education (CAATE) competencies and proficiencies in one or more of the following content areas: evidence-based practice, prevention and health promotion, clinical examination and diagnosis, acute care of injury and illness, therapeutic interventions, psychosocial strategies and referral, healthcare administration, professional development and responsibility.

Required Texts

1. Starkey C, Brown SD, Ryan J. Examination of Orthopedic & Athletic Injuries. 4th Ed. Philadelphia, PA: FA Davis; 2015.
2. Starkey C, Brown SD, Ryan J. Orthopedic and Athletic Injuries Examination Handbook. 3rd Ed. Philadelphia, PA: FA Davis; 2015.
3. Hoppenfeld, S: Physical Examination of the Spine and Extremities. Upper Saddle River, NJ: Prentice Hall; 1976

Recommended Texts

1. Biel, A. (2014). Trail Guide to the Body, 5th Edition. Boulder, CO: Books of Discovery

Course Performance Evaluation

Students will be evaluated on content standards (knowledge gained) and psychomotor competency performance (demonstration of the skill content). Content standards and psychomotor skills will be assessed via practical skill demonstrations (Competency Evaluations) and a comprehensive practical examination. Class participation will be assessed through completion of daily class activities.

- **Competency Assessment**
Performance will be assessed through completion of cognitive and psychomotor competency examinations.
- **Comprehensive Practical Examination**
One comprehensive practical examination will be administered. The examination will require a demonstration of content knowledge and psychomotor skill gained throughout the entire semester.
- **Evidence Based Critical Review** – Students will be expected to critically review and synthesize information regarding a clinical assessment for an assigned upper body, head, or neck injury.

Grading Scale

ASSESSMENT METHOD	NUMBER	POINTS EACH	POINTS TOTAL
Class Participation	25	2	50
Competency Evaluations	5	70	350
Comprehensive Practical Exam	1	100	100
Evidenced Based Critical Review	1	50	50
TOTAL	—	—	500

The student's final letter grade will be earned based on the following scale:

A: 465 – 500 pts. (93%)	C+: 385 – 399 pts. (77%)
A-: 450 – 464 pts. (90%)	C: 365 – 384 pts. (73%)
B+: 435 – 449 pts. (87%)	C-: 350 – 364 pts. (70%)
B: 415 – 434 pts. (83%)	D: 315 – 349 pts. (63%)
B-: 400 – 414 pts. (80%)	F: < 315 pts (0-59%)

Professional Dispositions

Students are expected to exhibit professional behaviors and dispositions at all times. It is critical each student conduct themselves in an appropriate manner and decorum fitting of a health care provider within and outside class. Making light of injuries, conditions, or illnesses that is not respectful to the class, instructor, or patient study will not be tolerated. Submission of documents or assignments should not include personal identifiable information and comply with Health Insurance Portability & Accountability Act (HIPAA) regulations. If you choose to be a part of a professional organization or club i.e. National Athletic Trainers' Association, GMU Athletic Training Club, etc.; you will be expected to act and perform your duties according to those organizational values or code of ethics.

Dress

During the laboratory section of the course, students will be asked to wear appropriate clothing to expose various body parts for the purposes of practicing the application of various emergency medical procedures. Tank tops and sports bras/bathing suit tops will be required when topics focus on the upper body. Shorts will be required will be required when topics focus on the lower body.

MAKE UP WORK

Students who are absent or who arrive late without an official university or a medical doctor's excuse may miss quizzes or other in-class activities. There will be no make-up quizzes or exams unless an excused absence has been warranted. Students who miss an examination quiz or other class activity because of an excused absence must complete the assignment on their first time back in class. All make-up work must be completed by the last day of class unless other approved arrangements are made. It is the student's obligation to pursue any make-up work.

Core Values Commitment

The College of Education and Human Development is committed to collaboration, ethical leadership, innovation, research-based practice, and social justice. Students are expected to adhere to these principles: <http://cehd.gmu.edu/values/>.

GMU Policies and Resources for Students

Policies

- Students must adhere to the guidelines of the Mason Honor Code (see <http://oai.gmu.edu/the-mason-honor-code/>).
- Students must follow the university policy for Responsible Use of Computing (see <http://universitypolicy.gmu.edu/policies/responsible-use-of-computing/>).
- Students are responsible for the content of university communications sent to their Mason email account and are required to activate their account and check it regularly. All communication from the university, college, school, and program will be sent to students **solely** through their Mason email account.

- Students with disabilities who seek accommodations in a course must be registered with George Mason University Disability Services. Approved accommodations will begin at the time the written letter from Disability Services is received by the instructor (see <http://ods.gmu.edu/>).
- Students must follow the university policy stating that all sound emitting devices shall be silenced during class unless otherwise authorized by the instructor.

Campus Resources

- Support for submission of assignments to Tk20 should be directed to tk20help@gmu.edu or <https://cehd.gmu.edu/api/tk20>. Questions or concerns regarding use of Blackboard should be directed to <http://coursessupport.gmu.edu/>.
- The George Mason University Writing Center staff provides a variety of resources and services (e.g., tutoring, workshops, writing guides, handbooks) intended to support students as they work to construct and share knowledge through writing (see <http://writingcenter.gmu.edu/>).
- The George Mason University Counseling and Psychological Services (CAPS) staff consists of professional counseling and clinical psychologists, social workers, and counselors who offer a wide range of services (e.g., individual and group counseling, workshops and outreach programs) to enhance students' personal experience and academic performance (see <http://caps.gmu.edu/>).
- The George Mason University Office of Student Support staff helps students negotiate life situations by connecting them with appropriate campus and off-campus resources. Students in need of these services may contact the office by phone (703-993-5376). Concerned students, faculty and staff may also make a referral to express concern for the safety or well-being of a Mason student or the community by going to <http://studentsupport.gmu.edu/>, and the OSS staff will follow up with the student.

For additional information on the College of Education and Human Development, please visit our website <https://cehd.gmu.edu/>

Tentative Class Schedule

DATE			TOPIC	READINGS/ASSIGNMENT DUE
Tu	Jan	24	Introduction to course General Medical	
Th	Jan	26	Clinical techniques – Shoulder & Upper Arm	Starkey: Ch 12, Hopp.-Chp. 1
Tu	Jan	31	Clinical techniques – Shoulder & Upper Arm	Starkey: Ch 12, Hopp.-Chp. 1
Th	Feb	2	Clinical techniques – Shoulder & Upper Arm	Starkey: Ch 12, Hopp.-Chp. 1
Tu	Feb	7	Clinical techniques – Shoulder & Upper Arm	Starkey: Ch 12, Hopp.-Chp. 1
Th	Feb	9	Review	
Tu	Feb	14	Competency Evaluation #1	

Th	Feb	16	Clinical techniques – Elbow & Forearm	Starkey: Ch 13; Hopp. –Chp. 2
Tu	Feb	21	Clinical techniques – Elbow & Forearm	Starkey: Ch 13; Hopp.–Chp. 2
Th	Feb	23	Clinical techniques – Elbow & Forearm	Starkey: Ch 13; Hopp.–Chp. 2
Tu	Feb	28	Review	Starkey: Ch 13; Hopp.–Chp. 2
Th	Mar	2	Competency Evaluation #2	
Tu	Mar	7	Clinical Techniques – Wrist and Hand	Starkey: Ch 14; Hopp.–Chp. 3
Th	Mar	9	Clinical techniques – Wrist & Hand	Starkey: Ch 14; Hopp.–Chp. 3
Tu	Mar	14	Spring Break	
Th	Mar	16	Spring Break	
Tu	Mar	21	Clinical techniques – Wrist & Hand	Starkey: Ch 14; Hopp.–Chp. 3
Th	Mar	23	Clinical techniques – Wrist & Hand	Starkey: Ch 14;Hopp.–Chp. 3
Tu	Mar	28	Competency Evaluation #3	
Th	Mar	30	Clinical techniques – Head Face & Related	Starkey: Ch 16 &17
Tu	Apr	4	Clinical techniques – Head Face & Related Structures	Starkey: Ch 16 &17
Th	Apr	6	Clinical techniques – Head Face & Related Structures	Starkey: Ch 16 &17
Tu	Apr	11	Clinical techniques – Head Face & Related Structures / Review	Starkey: Ch 16 &17
Th	Apr	13	Competency Evaluation #4	
Tu	Apr	18	Clinical techniques – Cervical Spine	Starkey: Ch 11 & 17; Hopp.–Chp. 4
Th	Apr	20	Clinical techniques – Cervical Spine	Starkey: Ch 11 &17; Hopp.–Chp. 4
Tu	Apr	25	Clinical techniques – Cervical Spine	Starkey: Ch 11 &17; Hopp.–Chp. 4
Th	Apr	27	Clinical techniques – Cervical Spine	Starkey: Ch 11 &17; Hopp.–Chp. 4
Tu	May	2	Competency Evaluation #5	
Th	May	4	Review	Evidence Based Critical Review Due
Tu	May	16	Comprehensive Final Examination: 10:30am-1:15pm	

Note: Faculty reserves the right to alter the schedule as necessary, with notification to students.

Attendance

Students are expected to be on time, attend all class meetings, and be prepared for in class assignments and projects. Excused absences include the following: illness (must bring a receipt or note from a doctor), family death, athletic/academic event (contact instructor in advance), and others at the discretion of the instructor. For known upcoming absences, students must contact the instructor at least **one** week in advance to the missed class to make up work. In the case of illness or some other unforeseen absence, the student must contact the instructor via e-mail or telephone the same day of the absence. At the next attended class meeting the student will discuss material that is to be completed with the instructor. *Students will have one week from the excused absence to complete any missed assignments.* It is the student's obligation to pursue any make-up work.

Assignments

Late assignments will not be accepted. Assignments should be submitted at the beginning of the class meeting on the due date. Late assignment will result in a zero (0) for the assignment. This applies to electronic submissions as well.

Your name **MUST** be on your papers when you turn them in. Failure to put your name on your paper will result in a zero (0) for the assignment.

Technology Use During Class

As per GMU policy, all sound emitting technology is required to be turned off during the lecture and laboratory class meeting times. Additionally, no laptop computers or tablets will be permitted for use during class time; the exceptions are for use during presentations/projects, and technology deemed as necessary by the Office of Disability Services. Students utilizing various technology devices during class will be asked to leave class and will not be permitted to complete course work or receive any points for assignments that day.

E-Mail Correspondence

Only messages that originate from a George Mason University address will be accepted; thus your e-mail address must end in gmu.edu. The instructor will not read e-mail messages not originating from a GMU account. Also, when corresponding with any professional at GMU or off campus via e-mail, use the following, appropriate professional format; any e-mail not using this format will be returned to the students for revision before a response will be issued:

Dear Dr. Warren (Beginning salutation)

I am looking forward to your class.

(Text body)

Regards, (Ending Salutation)

(Your name)

Student Acknowledgement of Syllabus

I, _____, by signing below, attest to the following:
(Print First and Last Name)

- *I have read the course syllabus for ATEP 575 in its entirety, and I understand the policies contained therein. This syllabus serves as an agreement for ATEP 575 between me and the instructor.
- *I have a clear understanding of the due dates for assignments and examinations, and I accept responsibility for the material.
- *I am aware that failure to submit assignments by the dates assigned will result in no points awarded as late work will not be accepted.
- *I understand the instructor reserves the right to alter the provided schedules as necessary and I am responsible for the assignments and examination dates for the most current version of the syllabus schedule.
- *I accept responsibility for reading announcements that are sent to me via e-mail through Blackboard; it is my responsibility to access Blackboard e-mail for announcements and assignments.

(Signature) (Date)

*(Student Copy: This copy should remain
attached to your syllabus)*



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I, _____, by signing below, attest to the following:
(Print First and Last Name)

- *I have read the course syllabus for ATEP 575 in its entirety, and I understand the policies contained therein. This syllabus serves as an agreement for ATEP 575 between me and the instructor.
- *I have a clear understanding of the due dates for assignments and examinations, and I accept responsibility for the material.
- *I am aware that failure to submit assignments by the dates assigned will result in no points awarded as late work will not be accepted.
- *I understand the instructor reserves the right to alter the provided schedules as necessary and I am responsible for the assignments and examination dates for the most current version of the syllabus schedule.
- *I accept responsibility for reading announcements that are sent to me via e-mail through Blackboard; it is my responsibility to access my Blackboard e-mail for announcements and assignments.

(Signature) (Date)

(Instructor Copy: Submit to the instructor at the end of the first class meeting)