

**GEORGE MASON UNIVERSITY**  
**School of Recreation, Health, and Tourism**

**ATEP 356 — Practicum 3: Therapeutic Modalities (3)**  
**Fall 2012**

DAY/TIME:	MW 12:00 – 1:15 PM	LOCATION:	Bull Run Hall 247
PROFESSOR:	Candace S. Parham	EMAIL ADDRESS:	<a href="mailto:cparham@gmu.edu">cparham@gmu.edu</a>
OFFICE LOCATION:	Bull Run Hall 208C	PHONE NUMBER:	703-993-4389
OFFICE HOURS:	MT 10:30AM – 11:30AM	FAX NUMBER:	703-993-2025
DEPT. WEBSITE	<a href="http://www.rht.gmu.edu">http://www.rht.gmu.edu</a>	CLASS WEBSITE:	<a href="http://mymason.gmu.edu">http://mymason.gmu.edu</a>

**PRE/CO-REQUISITES**

**Pre-requisites:** Formal acceptance to the professional phase of the ATEP; ATEP 150, 180, 250, 255, 256, 260, 265, 266, 270; BIOL 124, 125; HEAL 110, 230; PHED 300; current Emergency Cardiac Care (ECC) certification.

**Co-requisite:** Concurrently enrolled in ATEP 350 and 355.

**COURSE DESCRIPTION**

A clinical practicum field experience under the direct supervision of an Approved Clinical Instructor (ACI) with emphasis on therapeutic modalities.

**COURSE OBJECTIVES**

Upon completion of the course the student will be able to:

1. Apply theories, concepts, and philosophies learned through previous didactic and clinical experiences;
2. Employ record-keeping practices in athletic training;
3. Recognize indications and contraindications for therapeutic modalities;
4. Select appropriate therapeutic modalities for specific injuries;
5. Select and justify treatment parameters using therapeutic modalities; and
6. Employ foundational behaviors of professional practice in athletic training.

**COURSE OVERVIEW**

This is the third of five clinical practicum experiences that provide students with adequate opportunities to practice and integrate cognitive learning with the associated psychomotor skills required for the profession of athletic training. This course embraces the ‘Learning Over Time’ concept by requiring students to master a logical progression of clinical proficiency and professional behavior assessments throughout the clinical experience. Students are required to integrate individual component skills (i.e., cognitive and psychomotor skill competencies) into global clinical proficiencies during the clinical experience. Specific cognitive and psychomotor skill components as defined by the *NATA Educational Competencies* are formally taught, practiced, and assessed in the concurrent classroom and controlled laboratory (clinical course) settings. These clinical proficiency assessments, evaluated by ACIs, require students to reason methodically and determine which skills (cognitive learning) are appropriate in a given clinical practice situation and correctly perform these skills (psychomotor) in a manner befitting an entry-level athletic trainer (professional behavior). These proficiencies are associated with students in Level II of the ATEP and are a part of the associated Clinical Education Manual. Global clinical proficiencies are composed of two hierarchical categories: Clinical Proficiencies to be Challenged (assessing knowledge, skills, and professional behaviors learned in the current semester), and Clinical Proficiencies to be Mastered (assessing knowledge, skills, and professional behaviors learned in the prior semester). All clinical proficiencies are graded on a 20 point scale. Students must achieve a passing score of 17 or greater to demonstrate mastery of the clinical proficiency. Students not achieving a passing score must re-take the proficiency until they satisfactorily demonstrate mastery. Students are required to complete ‘Mastery Proficiencies’ by mid-semester in the clinical experience and submit

the results to ATEP faculty for verification. As ‘Challenge Proficiencies’ assess cognitive and psychomotor skills that the students are learning in the current semester, students need only attempt (not necessarily pass) these proficiencies. Challenge Proficiencies are completed in the second half of the clinical experience. These ‘Challenge Proficiencies’ then become ‘Mastery Proficiencies’ for the following clinical experience where the student must now show mastery of the content via a passing score, thus demonstrating their ability to learn and improve over time. During each clinical experience students receive constructive feedback from their ACIs to allow them to improve and continue to ‘Learn Over Time’. This clinical experience allows students opportunities to practice and integrate the cognitive learning, with the associated psychomotor skill requirements associated with therapeutic modalities. In addition, students develop entry-level professional behaviors as Athletic Trainers defined by the *NATA Educational Competencies*.

### Attendance

Each student must meet with his/her ACI during the first week of the semester to develop a weekly schedule. Students must accrue a **minimum of 200 hours** during the entire semester (approximately 10-20 hours per week). Students are expected to be on time, attend all class meetings and clinical experiences as mutually agreed upon with the Coordinator of Clinical Education, course instructor, and the ACI; and submit all assignments in a timely fashion. **Late work will not be accepted under any circumstances.** Excused absences include the following: illness (must bring a receipt or note from a doctor), family death, athletic/academic event, and others at the discretion of the ACI and course instructor. For known upcoming absences, students must contact the ACI and the course instructor at least one week in advance of the missed class or clinical experience. In the case of illness or some other unforeseen absence, the student must contact the ACI and the course instructor via e-mail or telephone.

### Academic Responsibility

Although many students must work to meet living expenses, **employment must not take priority over academic responsibilities.** Students employed more than 20 hours a week are strongly urged not to attempt a full-time academic load. Students employed more than 40 hours a week should attempt no more than 6 credits per semester. Students who fail to observe these guidelines may expect no special consideration for academic problems arising from the pressures of employment. Please see the GMU Academic Catalog ([http://catalog.gmu.edu/content.php?catoid=5&navoid=104#Registration\\_attendance](http://catalog.gmu.edu/content.php?catoid=5&navoid=104#Registration_attendance)) for further information.

### Scheduling Requirements

An integral part of students’ practicum is time spent under the supervision of the ACI. Students should be aware that times are scheduled in conjunction with ACI availability. Practicum times may include early mornings, afternoons, evenings, and weekends. Students may also be required to travel to additional sites to meet their ACI to engage in clinical education. Unlike other majors, athletic training practicum courses require additional time outside of the traditional classroom. Participation at the clinical site does not excuse you from class and/or related assignments at George Mason University. Students are required to submit bi-monthly schedules (via Blackboard) and show proof of hours completed. Repeated failure to submit schedules and show proof of hours may result in reduction of the final grade.

### Additional Policies

For additional guidelines relating to your athletic training education, please see the program handbook at the following website: <http://rht.gmu.edu/atep/forms/>.

### Accreditation Standards

Upon completion of this course, students will meet the following Commission on Accreditation of Athletic Training Education (CAATE) and clinical proficiencies:

Code	Clinical Proficiency
DI-CP1.8	Thoracic Spine
DI-CP1.9	Ribs
DI-CP1.10	Cervical Spine
DI-CP1.11	Shoulder Girdle

DI-CP1.12	Upper Arm
DI-CP1.13	Elbow
DI-CP1.14	Forearm
DI-CP1.15	Wrist
DI-CP1.16	Hand, Fingers & Thumb
DI-CP1.17	Head and Face
DI-CP1.18	Temporomandibular Joint
MC-CP1.2	Head, including the Brain
MC-CP1.3	Face, including the Maxillofacial Region
MC-CP1.4	Thorax, including the heart and lungs
MC-CP1.5	Abdomen, including the abdominal organs, the renal and urogenital systems
MC-CP1.6	Eyes
MC-CP1.7	Ear, Nose, and Throat
TM-CP1	Synthesize information obtained in a patient interview and physical examination to determine the indications, contraindications and precautions for the selection, patient set-up, and evidence-based application of therapeutic modalities for acute and chronic injuries. The student will formulate a progressive treatment and rehabilitation plan and appropriately apply the modalities. Effective lines of communication should be established to elicit and convey information about the patient's status and the prescribed modality(s). While maintaining patient confidentiality, all aspects of the treatment plan should be documented using standardized record-keeping methods.
TM-CP1.1	Infrared Modalities
TM-CP1.2	Electrical Stimulation Modalities
TM-CP1.3	Therapeutic Ultrasound
TM-CP1.4	Mechanical Modalities
TM-CP1.5	Massage and other Manual Techniques

## REQUIRED READINGS

1. ATEP 355 & 356 Manual: Therapeutic Modalities
2. ATEP Student Handbook

## EVALUATION

The course instructor, in consultation with the ACI, assigns the final grade based on several specific requirements for evaluation. Specifically, the ACI will supply scoring and relative open-ended feedback on the Mid Semester Clinical Performance Evaluation, Final Clinical Performance Evaluation, and Clinical Proficiency Evaluations.

## Expectations Document

This form is a guide to explain and clarify the ACI expectations of the student. Both student and ACI will read and sign this document together at the initial meeting to help ensure that all parties understand their respective responsibilities and duties. *This completed form is due on September 10, 2012 at the beginning of class.*

## Mid Semester Clinical Performance Evaluation

The ACI will complete the evaluation and assign a letter grade based on the student's clinical performance. ACIs are encouraged to discuss the results of the evaluation with the student. *Evaluations are due at the beginning of class on October 15, 2012.*

## Throughlines

The student is required to complete two Throughline reflective writings which are *due on August 29, 2012 and on November 19, 2012, at the beginning of class.*

### **Cultural Competence Interview**

Throughout the semester the Foundational Behaviors of Professional Practice of Athletic Trainers will be discussed and presented. This assignment will provide you with an opportunity to interview your ACI about specific cultural competence topics and allow you to reflect on your ideals and beliefs. Five questions will be provided and the student is responsible for developing 10 additional open-ended questions; after the interview the ACI will sign and date the question sheet. The student will then provide a typed, double-spaced summary of the interview with their reflections on the ACI answers. *All parts of this assignment are due at the beginning of class October 9, 2012.*

### **Case Study Presentation**

The student will lead a round table discussion that begins with a presentation of a modalities-based case from their clinical setting. *Presentations will take place November 28, December 3, and December 5, 2012. All presentations are due via Blackboard at the beginning of class on November 28, 2012. Students' presentation days and times will be randomly assigned.*

### **Clinical Proficiency Evaluations**

The student must complete all clinical proficiency evaluations associated with the previous and current courses. These evaluations will be assessed by each student's ACI. *Failure to successfully complete ALL Mastery Proficiencies (by October 15, 2012) and attempt ALL Challenge Proficiencies (by December 17, 2012) will result in failure of the course.*

### **Evaluation of ACI/Clinical Site Survey**

This survey will be conducted via Qualtrics in order to collect feedback about the ACI and clinical site. A link to the survey will be provided on Blackboard. *The survey must be completed by November 19, 2012.*

### **Final Clinical Performance Evaluation**

The ACI will complete the evaluation and assign a letter grade based on the student's clinical performance. ACIs are encouraged to discuss the results of the evaluation with the student. *Evaluations are due December 17, 2012.*

### **Final Comprehensive Examination**

There will be a practical final examination administered at the time deemed by the official university schedule. *The examination will be on December 17, 2012 from 10:30 AM-1:15 PM.*

### **Pre-Clinical Experience Survey**

This survey will be conducted via Qualtrics in order to collect pertinent information that will aid in making suitable clinical assignments. A link will be provided to the survey on Blackboard. *The survey must be completed by October 9, 2012.*

### **Skill of the Day**

Skills of the Day will be assigned at random. Bonus points will be added to the final grade at the instructor's discretion for students who complete ALL skills of the day. No points will be deducted for incorrect or incomplete Skills of the Day.

## GRADING

<b>ASSESSMENT METHOD</b>	<b>NUMBER</b>	<b>POINTS EACH</b>	<b>POINTS TOTAL</b>
Case Study Presentation	1	25	25
Clinical Proficiency Evaluations	13	Pass/Fail	Pass/Fail
Cultural Competence Interview	1	50	50
Evaluation of ACI/Clinical Site Survey	1	10	25
Expectations Document	1	25	25
Final Clinical Performance Evaluation	1	75	75
Final Comprehensive Examination	1	125	125
Mid Semester Clinical Performance Evaluation	1	75	75
Pre-Clinical Experience Survey	1	10	10
Throughlines	2	45	90
<b>TOTAL</b>	—	—	<b>500</b>

### Course Grading Scale

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.

## COLLEGE OF EDUCATION AND HUMAN DEVELOPMENT

### *Student Expectations*

- Students must adhere to the guidelines of the George Mason University Honor Code [See <http://academicintegrity.gmu.edu/honorcode/>].
- Students with disabilities who seek accommodations in a course must be registered with the George Mason University Office of Disability Services (ODS) and inform their instructor, in writing, at the beginning of the semester [See <http://ods.gmu.edu/>].
- Students must follow the university policy for Responsible Use of Computing [See <http://universitypolicy.gmu.edu/1301gen.html>].
- Students are responsible for the content of university communications sent to their George Mason University 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 must follow the university policy stating that all sound emitting devices shall be turned off during class unless otherwise authorized by the instructor.
- Students are expected to exhibit professional behaviors and dispositions at all times.

### *Campus Resources*

- 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 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/>].
- For additional information on the College of Education and Human Development, School of Recreation, Health, and Tourism, please visit our website [See <http://rht.gmu.edu>].



DAY	DATE	TENTATIVE TOPIC	ASSIGNMENT
1	8/27	Introduction to Practicum, ATEP Policies and Procedures	
2	8/29		
3	9/3	Labor Day – No Class	
4	9/5*	Bloodborne Pathogens	Clinical Schedule due
5	9/10	Ms. Jennifer Massie, Industrial Hygienist Ethical Practice/Throughlines discussion	Expectations Document & Throughlines due
6	9/12		
7	9/17*	NATA Code of Ethics, BOC Standard of Practice	Clinical Schedule & Completed Hours due
8	9/19		
9	9/24	Cultural Competence	
10	9/26		
11	10/1*	Cultural Competence	Clinical Schedule & Completed Hours due
12	10/3		
13	10/9	Cultural Competence	Interviews & Pre-Clinical Survey due
14	10/10		
15	10/15*†	Guest Speaker	Clinical Schedule, Completed hours, Mastery Proficiencies, Mid-term Evaluations due
16	10/17		
17	10/22	Legislative Issues	
18	10/24		
19	10/29*	Licensure Issues	Clinical Schedule & Completed Hours due
20	10/31		
21	11/5	Semester in Review	
22	11/7		
23	11/12*	Modalities	Clinical Schedule & Completed Hours due
24	11/14		
25	11/19	Future Directions Dr. Jatin Ambegaonkar, Program Coordinator, EFHP	Evaluation of ACI/Clinical Site Survey due
26	11/26*	Throughlines, Thank-yous, & Wrap up	Clinical Schedule, Completed Hours, & Throughlines due
27	11/28	Case Study Presentations	Presentations due
28	12/3	Case Study Presentations	
29	12/5	Case Study Presentations	
30	12/17†	<b>Cumulative Final Examination</b>	10:30 AM to 1:15 PM

\* Bi-monthly schedule/hours log due.

† ACI evaluations and proficiencies due.



### Student Acknowledgement of Syllabus

I, \_\_\_\_\_, by affixing my signature below, attest to the following:

- \*I have read the course syllabus for ATEP 356 in its entirety, and I understand the policies contained therein.
- \*I have a clear understanding of the due dates for assignments, and I accept responsibility for knowing when due dates are approaching.
- \*I am aware that failure to complete the proficiencies by the dates assigned will result in failure of the course.
- \*I understand the instructor reserves the right to alter the provided schedule as necessary, and I am responsible for obtaining the most current version from Blackboard.
- \*I accept responsibility for reading announcements that are sent to me via email or posted to Blackboard.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

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



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- \*I accept responsibility for reading announcements that are sent to me via email or posted to Blackboard.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

(Instructor Copy: This copy should be signed and returned to course instructor no later than the second class meeting.)