

Shaw University
College of Graduate and Professional Studies
Department of Allied Health
Spring 2006 - 2007

ATH 379: Therapeutic Modalities
Tuesday, Thursday 8:00 – 9:15

Instructor: Anthoni Wedderburn MS ATC
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Office Hours: M,W: 9:00 – 10:00, 11:00 – 12:00 T,H: 10:30 – 12:00 F: 9:00 – 10:00

Course Description:

A lecture and laboratory experience designed to educate the student about the profession of athletic training with regards to: the know ledge, theory, and techniques for the use and application of therapeutic modalities.

Required Text:

Chad Starkey, Therapeutic Modalities, 3rd edition
FA Davis Co., 2004

Course Objectives:

1. You should know how the body responds to various types of injury, the typical inflammatory response, and why/how it is desirable to modify that response.
2. You should know and understand the physics, the physiological effects on body tissues, and the therapeutic indications and contraindications of heat, cold, electricity and sound in injury rehabilitation
3. You will understand the rationale for, and be able to apply, various therapeutic modalities as regards patient preparation, modality set-up, dosage, precautions, etc.
4. To discuss the ethical concepts of the Athletic Training profession

Course Outline:

Week 1: Tissue response to injury.

Week 2: Physiology and psychology of pain.

Week 3: Development and delivery of treatment protocols.

Week 4: Thermal agents.

Week 5: Clinical application of thermal modalities.

Week 6: Clinical application of thermal modalities.

Week 7: Electrical agents.

Week 8: Clinical application of electrical modalities.

Week 9: Clinical application of electrical modalities.

Week 10: Ultrasound.

Week 11: Clinical application of ultrasound.

Week 12: Clinical application of ultrasound.

Week 13: Mechanical Modalities.

Week 14: Clinical application of mechanical modalities.

Week 15: Clinical application of mechanical modalities.

Week 16: Trigger points, motor points and pain patterns.

Evaluation

Class Participation	10%
Homework & Quizzes	50%
Written Assignment	10%: In library research required
Midterm Exam	15%
Final Exam	15%

Grading scale

90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
59 & Blow	F

Student Classroom Decorum Expectations

To enhance the learning atmosphere of the classroom, students are expected to dress and behave in a fashion conducive to learning in the classroom. More specifically, students will refrain from disruptive classroom behavior i.e., talking to classmates, disrespectful responses to teacher instructions; swearing; wearing clothes that impede academic learning such as but not limited to, wearing body revealing clothing and excessively baggy pants; hats/caps, and/or headdress. Students will turn off telephones prior to entering the classroom. Students who exhibit the behaviors described above, or similar behaviors will be immediately dismissed from class at the third documented offense. The student will only be readmitted to the class only following a decision by the department chair. The student may appeal the decision of the department chair to the dean of the college offering the course, and subsequently, to the office of the vice president for academic affairs, and then to the president of Shaw University. The decision of the president will be final. Failure to follow the procedures herein outlined will result in termination of the appeal, and revert to the decision of the department chair

Each behavior construed by the teacher/professor as noncontributive to learning will be recorded, properly documented, and appropriately reported to the student and to the chair of the academic department offering the course. The report will be in written form with a copy provided to both the student and the department chair. The faculty member/student should retain a copy for his/her own records.

Additional student behavior codes may be found in student affairs.