

# ATTR - ATHLETIC TRAINING

## ATTR 651 Clinical Education I

**Credits 2. 1 Lecture Hour. 8 Lab Hours.**

Integration of clinical competencies with classroom instruction and a supervised field based experience in athletic training to link theory into practice.

**Prerequisite:** Enrollment in MS Athletic Training program.

## ATTR 652 Clinical Education II

**Credits 3. 1 Lecture Hour. 16 Lab Hours.**

Integration of clinical competencies with classroom instruction and a supervised field based experience in athletic training to link theory into practice.

**Prerequisite:** ATTR 651, ATTR 660, ATTR 661 with grades of C or better.

## ATTR 653 Clinical Education III

**Credits 3. 1 Lecture Hour. 16 Lab Hours.**

Integration of clinical competencies with classroom instruction and a supervised field based experience in athletic training to link theory into practice.

**Prerequisite:** ATTR 652, ATTR 662, ATTR 663, ATTR 668, ATTR 669 with grades of C or better.

## ATTR 654 Clinical Education IV

**Credits 2. 1 Lecture Hour. 8 Lab Hours.**

Integration of clinical competencies with classroom instruction and a supervised field based experience in athletic training to link theory into practice.

**Prerequisite:** ATTR 653 with a grade of C or better.

## ATTR 655 Clinical Education V

**Credits 3. 1 Lecture Hour. 16 Lab Hours.**

Integration of clinical competencies with classroom instruction and a supervised field based experience in athletic training to link theory into practice.

**Prerequisite:** ATTR 654, ATTR 664, ATTR 665, ATTR 671 with grades of C or better.

## ATTR 656 Clinical Education VI

**Credits 3. 1 Lecture Hour. 16 Lab Hours.**

Integration of clinical competencies with classroom instruction and a supervised field based experience in athletic training to link theory into practice.

**Prerequisite:** ATTR 655, ATTR 666, ATTR 667, ATTR 670 with grades of C or better.

## ATTR 660 Prevention and Care of Athletic Injuries

**Credits 3. 3 Lecture Hours.**

Prevention strategies and procedures, recognition and care of common injuries and conditions; foundational concepts and principles of the athletic training profession.

**Prerequisite:** Enrollment in MS Athletic Training program.

## ATTR 661 Prevention and Care of Athletic Injuries Lab

**Credit 1. 2 Lab Hours.**

Laboratory to accompany ATTR 660; application of theories and practice skills.

**Prerequisite:** Concurrent enrollment in ATTR 660.

## ATTR 662 Clinical Examination and Diagnosis-Lower Extremity

**Credits 3. 3 Lecture Hours.**

Pathomechanics, clinical examination, diagnosis and appropriate medical referral of orthopedic injuries and other conditions to the lower extremity and spine.

**Prerequisite:** Enrollment in MS Athletic Training program.

## ATTR 663 Clinical Examination and Diagnosis-Lower Extremity Lab

**Credit 1. 2 Lab Hours.**

Laboratory to accompany ATTR 662; application of theories and skill practice.

**Prerequisites:** Concurrent enrollment in ATTR 662; enrollment in MS Athletic Training program.

## ATTR 664 Clinical Examination and Diagnosis-Upper Extremity

**Credits 3. 3 Lecture Hours.**

Pathomechanics, clinical examination, diagnosis and appropriate medical referral of orthopedic injuries and other conditions to the upper extremity, head and cervical spine.

**Prerequisite:** ATTR 662.

## ATTR 665 Clinical Examination and Diagnosis-Upper Extremity Lab

**Credit 1. 0 Lecture Hours. 2 Lab Hours.**

Laboratory to accompany ATTR 664; application of theories and skill practice.

**Prerequisites:** Concurrent enrollment in ATTR 664; enrollment in MS Athletic Training program.

## ATTR 666 Physical Rehabilitation

**Credits 3. 3 Lecture Hours.**

The study of physical rehabilitation theory and techniques used as a therapeutic intervention for orthopedic injuries and conditions.

**Prerequisite:** Enrollment in MS Athletic Training program.

## ATTR 667 Physical Rehabilitation Lab

**Credit 1. 0 Lecture Hours. 2 Lab Hours.**

Laboratory to accompany ATTR 666; application of theories and skill practice.

**Prerequisites:** Concurrent enrollment in ATTR 666; enrollment in MS Athletic Training program.

## ATTR 668 Therapeutic Modalities

**Credits 3. 3 Lecture Hours.**

A detailed study of modern therapeutic devices used in the treatment and rehabilitation of orthopedic injuries and conditions.

**Prerequisite:** Enrollment in MS Athletic Training program.

## ATTR 669 Therapeutic Modalities Lab

**Credit 1. 0 Lecture Hours. 2 Lab Hours.**

Laboratory to accompany ATTR 668; application of theories and skill practice.

**Prerequisites:** Concurrent enrollment in ATTR 668; enrollment in MS Athletic Training program.

## ATTR 670 General Medical Conditions and Therapeutic Medication

**Credits 3. 3 Lecture Hours.**

Pathophysiology, assessment, and appropriate intervention and referral for general medical conditions and disabilities; common diagnostic tests and imaging assessment tools including commonly used therapeutic medications.

**Prerequisite:** Enrollment in MS Athletic Training program.

## ATTR 671 Organization and Administration in Athletic Training

**Credits 3. 3 Lecture Hours.**

Organization and administration of athletic training services including financial, human resources, facility, information technology and risk management.

**Prerequisite:** Enrollment in MS Athletic Training program.

**ATTR 672 Professional Preparation and Issues in Athletic Training**

**Credits 3. 3 Lecture Hours.**

Knowledge and skills for successful pursuit of athletic training credentials, employment and continuing professional competencies; emphasis on current topics and issues contributing to the professional preparation of athletic training.

**Prerequisite:** Enrollment in MS Athletic Training program.

**ATTR 673 Manual Therapy in Athletic Training**

**Credits 2. 1 Lecture Hour. 2 Lab Hours.**

Manual therapy theory and techniques used as a therapeutic intervention for orthopedic injuries and conditions; indications and contradictions for the use of manual therapy; skill development in soft tissue assessment; application of manual and tool assisted techniques.

**Prerequisite:** Enrollment in MS athletic training program.