# 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.