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.