

# Minnesota State University Moorhead

## AT 440: Pharmacology and Medical Issues

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites:

AT 324 - Therapeutic Exercise AND AT 324L - Therapeutic Exercise Lab AND AT 364 - Athletic Training Practicum III

Corequisites: None

MnTC Goals: None

In-depth study of general pharmacology, medical conditions, and disabilities of athletes and others involved in physical activity. The Athletic Training student will learn pharmacological applications, including awareness of the indications, contraindications, precautions, and interactions of medications and of the governing regulations relevant to the treatment of injuries and illnesses. The athletic training student will also learn referral management, and treatments of athletes and others involved in physical activity who suffer from general medical conditions and disabilities.

**B. COURSE EFFECTIVE DATES:** 02/23/2002 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

### D. LEARNING OUTCOMES (General)

1. ATS will be able to demonstrate an understanding of knowledge and skills associated the following areas of cognitive/psychomotor/competency learning areas as noted in assigned reading and chapter-based guest lecture information:
  - 1) Evidence-Based Practices (EBP)
  - 2) Prevention and Health Promotion (PHP)
  - 3) Clinical Examination and Diagnosis (CE)
  - 4) Acute Care of Injuries and Illnesses (AC)
  - 5) Psychosocial Strategies and Referral (PS)
  - 6) Healthcare and Administration (HA)
  - 7) Professional Development & Responsibility

### E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

None noted