

UWSP Athletic Training Program
ATHLETIC TRAINING 425: Medical Aspects of Injury/Illness (3 credits) – Spring 2017

Instructor: Holly Schmies, PhD, LAT
Time: Monday 6:00 – 9:00pm in HEC 147

Office: HEC 129
Office Hours: Tuesday and Thursday 9-11

Phone: 346-2922

Course Goals and Competencies:

The course is designed to education senior level athletic training student in the general medical aspects of the athlete. Its purpose is to introduce and expose students to professionals from a variety of medical and allied health areas. We will discuss general medical conditions and treatment strategies for each. Students will learn hands-on skills to aid in the diagnosis and referral of common medical conditions. Students will also be required to investigate medical conditions on their own and become familiar with the process of searching/investigating information for patients.

Text: Purchase: *General Medical Conditions in the Athlete* by M. Cuppett and K. Walsh. 2nd edition
Rental: *Pharmacology Application in Athletic Training* by Mangus and Miller

*Other reading materials will be provided by instructor and guest lecturers

Class Policies:

The topics, projects, and course design represent theory, current trends and critical thinking in health care.

1. Be prepared. As a senior level class, there will be a lot of expectations for you to be prepared for class. Prepared to the point that you and I could have a discussion for an hour on the topic that we are covering for class. You are busy – yes, I know this – so am I. But, we are here to learn together. You are at the point in your career when you need to realize the importance of being prepared. You might not know all the right answers – but you will have at least a good working knowledge of the concepts we are planning to talk about. Class attendance is mandatory. For every unexcused absence, 10 points will be deducted from the student's total points.
2. A student's grade will be dropped a ½ of letter grade for every two unexcused absences.
 - a. Please be on time. Tardiness is considered an absence.
 - b. An absence will **only** be considered excused if there is **verbal** approval from the instructor prior to the absence. No email communication will be accepted.
3. All assignments are to be completed prior to class and either brought to class for discussion or uploaded to the D2L Drop Box. Assignments will be dropped one letter grade for each day beyond the designated due date.
4. You are expected to act according to UWSP guidelines for academic honesty and integrity. Honest and intellectual work is essential to learning. It is also expected for you to act in a manner that creates an open learning environment and is respectful of all students in this class. I have every confidence you will uphold this expectation and succeed in this course. More information can be found on the Dean of Students website under University of Wisconsin System Chapter 14 – Student Academic Standards and Disciplinary Procedures.

Assessment Activities: Class presentations (Special populations)
Quizzes on readings/lectures (D2L)
Case studies
Final Examination

Assessment Methods:

- Presentations: Students will be required to create a short presentation for special populations. The presentations need to include participation considerations and medical guidelines, things athletic trainers need to be aware of during participation/activity, considerations for performance, disqualification standards, ADA compliance statements if applicable, and preparedness for the athletic trainer. There may be topic specific information you will provide as well.
- Quizzes will be based on the readings. The topic of the quiz will be provided so students know what content to expect. The majority of quizzes will be completed on D2L so you can use your resources.
- CIP – 1: CAATE Standards (see attached sheet) – will do a CIP on an assigned client.
- The final examination will be cumulative in nature and will consist of multiple choice questions and case study questions in a D2L format.

Topics for presentations: There are various topics that will be assigned throughout the course. They will be specific to the overall topic that is being covered by the instructor. The presentation will be a specific supplement to the overall discussion.

Jan 23rd	Course Introduction – CIP discussion - What is our role in General Medicine? Overview of Pharmacology Readings: Chapters 1, 2, 3 and 4 (Cuppett and Walsh) Chapters 1 and 2 (Mangus and Miller)
Jan 29th	Course Introduction – What is our role in General Medicine? Diagnostics and Testing
Feb 5th	Immune System and Infectious Disease and Inflammation Readings: Chapter 15 (Cuppett and Walsh) Readings: Vaccination Articles (D2L); TEDx Talk – Danielle Stringer
Feb 12th	Respiratory – ENT Readings: Chapter 7 (Cuppett and Walsh; Mangus and Miller) Readings: Chapter 10 (Cuppett and Walsh) D2L Quiz – prior to class for terminology
Feb 12th	Cardiology Readings: Chapter 8 (Cuppett and Walsh) Chapter 6 (Mangus and Miller) See the D2L handout Due: Case study
Feb 19th	Diabetes – combined with Monday morning session for blood testing -
Feb 26th	Diabetes - follow the assigned instructions for eating and/or drinking Readings: Chapter 14 (Diabetes) (Cuppett and Walsh) Chapter 5 (Mangus and Miller) D2L Quiz – prior to class
March 5th	Dermatology and Skin Disorders Reading: Chapter 16 (Cuppett and Walsh) Chapter 9 (Mangus and Miller) D2L Quiz – prior to class

March 12th	Gastrointestinal System Readings: Chapter 9 (Cuppett and Walsh) Chapter 8 (Magnus and Miller) D2L Quiz – prior to class
March 19th	
March 26th	Spring Break
April 2nd	
April 9th	Marshfield Simulation Day ??
April 16th	Neurological – Readings: Chapter 11 (Cuppett and Walsh) Due: Bring your case study for neuro to class to share
April 23rd	CIP Check-ins
April 30th	Systemic disorders and infectious disease Readings: Chapter 14 and 15 (Cuppett and Walsh) Website: http://www.cdc.gov/vaccines/ CIP Check-in – how are you in your CIP progress?
May 7th	Eye and Mouth Readings: Chapter 12 and 13 (Cuppett and Walsh) D2L quiz (systemic and infectious disease, eye and mouth)
May 14th	Final – CIPs due