

UWSP Athletic Training Program
ATHLETIC TRAINING 425: Medical Aspects of Injury/Illness (3 credits) – Spring 2019

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

Office: HEC 123
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 or 3rd ed
Rental: *Pharmacology Application in Athletic Training* by Mangus and Miller

*Other reading materials will be provided by instructor

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.

Week 1 Jan 23	Course Introduction – What is our role in General Medicine/Primary Care Provider? Diagnostics and Testing Readings: Chapters 1, 2, 3 and 6 (Cuppett and Walsh) Chapters 1 and 2 (Mangus and Miller)
Week 2 Jan 28 & 30th	Course Introduction – Principles of Pharmacology Chapters 1 and 2 (Mangus and Miller) Chapter 4 and 5 (Cuppett and Walsh) Due: Pharmacology Field Trip – Jan 30th
Week 3 Feb 4th & 6th	Dermatology and Skin Disorders and Eye (Basic) Reading: Chapter 16 (Cuppett and Walsh); Chapter 12 (Cuppett and Walsh) Chapter 9 (Mangus and Miller) Due: Feb 4th - NCAA and HS guidelines for HSV, impetigo, and fungal infections Due: D2L Quiz – prior to class on Feb 6th
Week 4 Feb 11th & 13th	Respiratory – ENT Readings: Chapter 7 (Cuppett and Walsh; Mangus and Miller) Readings: Chapter 13 (Cuppett and Walsh) Due: Respiratory Terms – Auscultation (Feb 11th); Case study – Feb 13th
Week 5 Feb 18th & 20th	Cardiology Readings: Chapter 8 (Cuppett and Walsh) Chapter 6 (Mangus and Miller) See the D2L handout Due: Respiratory Quiz (Feb 18th) and Cardiac Case study (Feb 20th)
Week 6 Feb 25th & 27th	Feb 25 th : Gastrointestinal System Readings: Chapter 9 (Cuppett and Walsh) Chapter 8 (Magnus and Miller) Due: Cardiac Quiz (Feb 25 th) Feb 27 th Diabetes - follow the assigned instructions for eating and/or drinking Readings: Chapter 14 (Diabetes) (Cuppett and Walsh)

	Chapter 5 (Mangus and Miller) D2L
Week 7 March 4th & 6th	Immune System and Infectious Disease and Systemic Diseases Readings: Chapter 14 and 15 (Cuppett and Walsh) Readings: Vaccination Articles (D2L); TEDx Talk – Danielle Stringer
Week 8 March 11th & 13th	Catch all Week – Special Populations (Chapter 18); Mouth Review -
	Spring Break
Week 9 March 25th & 27th	No classes – BOC test week CIP 1 – Patients identified, and wellness plan started
Week 10 April 1st & 3rd	No classes – BOC test week CIP 1 – Patients identified, and wellness plan started
Week 11 April 8th & 10th	Due: CIP 1 – Patient and plan Holistic approaches to health care
Week 12 April 15th & 17th	Marshfield Simulation Day ??
Week 13 April 22nd & 24th	Neurological – Readings: Chapter 11 (Cuppett and Walsh) Due: Bring your case study for neuro to class to share
Week 14 April 29th & May 1st	CIP Check-ins
Week 15 May 6th & 8th	Selected topics
Week 16 Finals	Selected topics Final – CIPs due and holistic approach idea