KSS 3180 – General Medical Conditions in the Athlete

Spring 2014, M/W – 11:00am to 11:50am

Instructor: John Storsved, HSD, ATC
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Office Hours: M/W/F 9:00-10:00; T 9:00-12:00 or by appointment

Course Description: A study of general medical conditions and disabilities, wound care and management techniques and environmental related conditions found in athletes. Prerequisites: KSS 2130, KSS 2135, KSS 2136

Specific Course Goals: Upon successful completion of this course:

1. The student will develop an understanding of the body's immune system and how athletic activity can affect this system as demonstrated by satisfactory performance on written examinations.
2. The student will demonstrate the ability to identify and assess illnesses and general medical conditions as demonstrated by satisfactory performance on written examinations and completion of case studies.
3. The student will comprehend the environmental conditions involved with certain athletic activities and be able to identify medical conditions associated, with a focus on the heat, as measured by satisfactory performance on written examinations.
4. The student will exhibit proficiency in the safe, effective management of various wounds and the proper use of common general medical equipment, as measured by satisfactory performance on written examinations and satisfactory demonstration on the practical laboratory skill assessments.
5. The student will exhibit the ability to critically analyze an injury scenario and identify possible medical conditions involved as demonstrated through the completion of case studies , but will also demonstrate the ability to research common medical conditions as measured by completion of critical abstracts of journal articles.

Attendance Policy: Each of you is responsible for the materials covered in class. To assist you in focusing on the objectives, you are required to attend all classes unless previously excused by the instructor. You must be present on the day of the examinations or prior arrangements must be made with the instructor. Attendance will be taken regularly. You are permitted ***two absences (excused or unexcused)*** after which each additional absence will result in a 10 point reduction in your final course grade.

Lab Sessions: Attendance at and completion of all labs is required. Late labs or assignments will receive a reduced grade unless arrangements have been made with the instructor prior to the due date.

Teaching Methods: The reading of the text and additional materials will be incorporated with lecture and discussion instruction. In addition, visual aids, interactive software, and laboratory skill practice will be provided.

Required Texts:

Cuppert, M. & Walsh, K.M. (2005). *General Medical Conditions in the Athlete*. St. Louis, MO: Elsevier Mosby.

Additional Readings will be assigned and provided.

Disability Statement: If you have a documented disability and wish to receive academic accommodations, please contact the Coordinator of the Office of Disability Services (217-581-6583).

Academic Dishonesty: Cheating, collusion, and plagiarism will not be tolerated. Those students reasonably suspected of academic dishonesty by the course instructor will fail the coursework involved and/or the course and details will be submitted to the Office of Judicial Affairs for student conduct.

Grading: Your final grade will be determined by a combination of a didactic/lecture component (70%), and a lab component (30%). The lecture grade will be determined by the 3 regular examinations (about 50 points each), online reading quizzes (about 50 points total), and the final exam (about 80 points). The lab score will include lab activity assignments (about 70 points total) and the practical skills assessments (about 50 points total). Extra assignments to increase your grade are not permitted.

Grading Scale:

89.50 to 100 = A
79.50 to 89.49 = B
69.50 to 79.49 = C
59.50 to 69.49 = D
less than 59.49 = F

Approximate Course Outline:

Mon	Jan 13	Introduction to Class	
Wed	Jan 15	Introduction to General Medical Conditions	Chapter 1
Mon	Jan 20	MLK Day – No Class	
Wed	Jan 22	Medical Evaluation Techniques and Equipment	Chapter 2
Mon	Jan 27	Medical Evaluation Techniques and Equipment	
Wed	Jan 29	Respiratory Disorders	Chapter 4
Mon	Feb 3	Respiratory Disorders	
Wed	Feb 5	Cardiovascular Disorders	Chapter 5
Mon	Feb 10	Cardiovascular Disorders	
Wed	Feb 12	Cardiovascular Disorders	
Mon	Feb 17	**Exam 1**	
Wed	Feb 19	Preventing Sudden Death in Sports	
Mon	Feb 24	Gastrointestinal Disorders	Chapter 6
Wed	Feb 26	Gastrointestinal Disorders	
Mon	March 3	Musculoskeletal Disorders	Chapter 14
Wed	March 5	Musculoskeletal Disorders	
Mon	March 10	Spring Break	
Wed	March 12	Spring Break	
Mon	March 17	Musculoskeletal Disorders	
Wed	March 19	Musculoskeletal Disorders	
Mon	March 24	Genitourinary Disorders	Chapter 7
Wed	March 26	Gynecological Disorders	Chapter 7
Mon	March 31	Neurological Disorders	Chapter 8
Wed	April 2	Neurological Disorders	
Mon	April 7	**Exam 2**	Chapter 9
Wed	April 9	Disorders of Ear, Nose, Throat and Mouth	Chapter 10
Mon	April 14	Systemic Disorders	Chapter 11
Wed	April 16	Systemic Disorders	
Mon	April 21	Infectious Diseases	Chapter 12
Wed	April 23	Infectious Diseases	
Mon	April 28	Mental Health Conditions in Athletes	Chapter 15
Wed	April 30	Special Populations	Chapter 16
Tue	May 6	**FINAL EXAM 12:30 – 2:30**	

Instructor reserves the right to change course outline depending upon course needs.