CASPER COLLEGE COURSE SYLLABUS
HLTK 2200 H1- Sectional Anatomy

Spring 2016

CREDITS: 3 CLASS TIME: Internet

INSTRUCTOR’S NAME: Rick Johnson
PHONE: C: (307) 268-2718 cell 258-7046
INSTRUCTOR’S OFFICE: Contact by E-mail or leave a phone message

OFFICE HOURS: As published

COURSE DESCRIPTION: Comprehensive coverage of the anatomy related to the head, neck, spine, thorax, abdomen and pelvis in sagittal, transverse and coronal planes as demonstrated on CT and MRI diagnostic images. A background in imaging is recommended but not required. Basic Principles of the physics related to CT and MRI imaging modalities will be covered to help students grasp a basic understanding of these studies.

PREREQUISITES: ZOO 2010 AND ZOO 2020
(HLTK 2200 is Cross listed as ZOO 2200)

OBJECTIVES: Upon completion of this course, the student will be able to:
1. Identify selected structures of the body in varying planes.
2. Review anatomy as it relates to cross sectional imaging.
3. Identify whether contrast media was used and how it enhances specific anatomical structures.
4. Identify whether the image is a CT or MRI and if MRI, which of the basic sequencing types.
5. Have a basic understanding of the principles and physics related to CT and MRI and understand how they relate to the anatomy covered.
6. Understand how to identify normal anatomy and gain an understanding for identifying specific pathologies related to the body systems covered.

METHODOLOGY: CD imaging, research and internet.

EVALUATION:
Components:
Tests: 5, which will include (T/F, Multiple Choice and fill in the blank)
Quizzes: 8 and will average to one test – these are take home and go with the modules
Assignments: 2 and will average to one test.

All Testing will be done in the health science class, you will have 2-3 hours and you will not be allowed any materials. The testing will be done on a Monday evening as noted on the syllabus. All quizzes will be on line, you will have three hours, but it will be open book. The in class quizzes will be done at the start of class so please be prompt (absolutely no makeup on these). Please review your disc module the night before class.

REQUIRED TEXTS, READINGS, MATERIALS:

Sectional Anatomy for Imaging Professionals, 2nd Ed., Lorrie L. Kelley and Connie M. Petersen.

Cross Sectional Anatomy CD review- Provided by instructor on Moodle page
Casper College Library - Additional CT and MRI images are available in the Casper College Library reference section for review by students. Images are not available to check out of the library but may be reviewed during normal library hours.

LAST DATE TO CHANGE TO AUDIT OR WITHDRAW WITH A “W” GRADE: April 14, 2016

STUDENTS’ RIGHTS AND RESPONSIBILITIES:
Please refer to the Casper College student Conduct and Judicial Code for information concerning your rights and responsibilities.

Student Rights and Responsibilities: Please refer to the Casper College Student Conduct and Judicial Code for information concerning your rights and responsibilities as a Casper College Student.

Chain of Command: If you have any problems with this class, you should first contact the instructor to attempt to solve the problem. If you are not satisfied with the solution offered by the instructor, you should then take the matter through the appropriate chain of command starting with the Department Head/Program Director, the Dean, and lastly the Vice President for Academic Affairs.

Academic Dishonesty: (Cheating & Plagiarism) Casper College demands intellectual honesty. Proven plagiarism or any form of dishonesty associated with the academic process can result in the offender failing the course in which the offense was committed or expulsion from school. See the Casper College Student Code of Conduct for more information on this topic.

Official Means of Communication: Casper College faculty and staff will employ the student's assigned Casper College email account as a primary method of communication. Students are responsible to check their account regularly. This is also, where you will find course evaluation links during course evaluation periods.

ADA Accommodations Policy: If you need academic accommodations because of a disability, please inform me as soon as possible. See me privately after class, or during my office hours. To request academic accommodations, students must first consult with the college’s Disability Services Counselor located in the Gateway Building, Room 344, (307) 268-2557, bheuer@caspercollege.edu. The Disability Services Counselor is responsible for reviewing documentation provided by students requesting accommodations, determining eligibility for accommodations, and helping students request and use appropriate accommodations.

HLTK 2200 COURSE OUTLINE
Spring 2016 Dates Coverage

January
18 Equality Day
******19- Class begins - 4:00 pm Intro Class start chapter 1(Classroom Health Science Room 111
Packet and scantron will be handed out for module 1

******25- Class meets Chapter 2 review 4pm(Module 1 due)
Packet and scantron will be handed out for module 2

February
************ 1- class meets at 4pm- review chapter 3 (Module 2 due)
Packet and scantron will be handed out for module 3
************8- Class meets at 4pm in HS224- Chapter 4 Review 4:00 pm (Module 3 due)
Packet and scantron will be handed out for module 4

15- Presidents day no class
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Feb 22nd Paper one due (please give to Lupe to put in my box or email to rjohnson@caspercollege.edu

************22 Test – Casper College Health Science – Chapter 1-3

March

************March 7 HS224- Review Chapter 5 (Module 4 due)
Packet and scantron will be handed out for module 5
14-18 Spring Break

-************ 21 Monday Test – Casper College Health Science – Chapter 4-5
-************30- Class Chapter 6 review (Module 5 due)
Packet and scantron will be handed out for module 6

April

************4 Monday Test –Casper College Health Science- chapter 6 (Module 6 due)
Packet and scantron will be handed out for module 7

April 14- Withdrawal date
17-20 Quiz online chapter 7
************ 18 Monday Test HS224 -Casper College Health Science – chapter 7
Packet and scantron will be handed out for module 7
April 25-Casper College Health Science- Chapter 8
Packet and scantron will be handed out for module 8

May

************2 Monday Test – Casper College Health Science – chapter 8 (Module 8 due)
May 2- paper two due

9-12 Finals Week
**Dates:**

Feb 15\textsuperscript{th} – President’s Day

March 14-18 Spring Break

April 14 Withdrawal Deadline