

## Course Syllabus

### GENERAL COURSE INFORMATION:

**Course Title: Soft Tissue Pathology & ADI**

**Course Number: CLSC-7205**

**Trimester Credit Hours: 4**

**Total Contact Hours Per Trimester: 75**

**Course Director: Dr. Trevor Foshang**

**Class meeting time:**

**Email Address: tfoshang@parkercc.edu**

**TWT 8:00am -9:00am**

**Phone number: ext. 7348**

**Office Hours: M,T,W,T, 12-1 F 11-12**

**Lab Hours Per Week: 2**

**Lab Director/Instructors: Dr. Foshang, Dr. Gilbert, Lab Contact Hours/Trimester: 30  
Dr. Duval**

### COURSE DESCRIPTION:

This course supports the mission statement of Parker College by helping to create leaders who promote Chiropractic wellness through high standards of education, research and service. This course is designed to give the student a sound educational foundation in imaging of the chest, abdomen and internal derangement of joints. The course requires that student to research outside sources to gain insight into the concepts presented. The course will introduce a systematic approach to the interpretation of plain film and advanced imaging of the chest, abdomen and select joints. The understandings of the concepts presented are absolutely essential to become a successful Chiropractor. Areas of emphasis are listed in the learning objectives below. Students are encouraged to help each other in class and lab.

### LEARNING OBJECTIVES:

**Learning Outcomes:** At the completion of this course, the student should:

1. be able to use radiology terminology in conversation with classmates, teachers, colleagues and other health care professionals
2. be able to identify normal and common normal variants in anatomy of the chest, abdomen and select joints
3. be able to identify common pathologies of the chest, abdomen and internal derangement of select joints
4. be able to identify and explain the radiographic signs that aide in the diagnosis and creation of differential diagnosis within the chest, abdomen and select joints
5. explain the modalities most useful in the identification of pathologies of the chest, abdomen and select joints
6. be able to explain the basic physics of plain film, CT, and MRI and how it relates to detection of pathologies seen within the chest, abdomen and select joints of the msk

**Lab Objectives:** At the completion of this course, the student should be able to:

1. identify the normal and common normal variants of the chest, abdomen and select joints of the msk system
2. identify common radiographic patterns seen within the chest and abdomen and how they relate to commonly seen pathologies

3. identify common pathologies/internal derangement of select joints using advanced imaging (MRI) 4) identify the most advantageous MRI weighting and imaging plane when searching for pathologies/internal derangement of joints

**GENERAL APPROACH TO TEACHING:**

Soft Tissue Pathology and ADI is designed to be an interactive class. I welcome your questions and encourage classroom discussion. Students are encouraged to participate in open discussion for the purpose of clarification.

**PREREQUISITES:**

-BASC-6201 Pathology II, CLSC-6301 Bone Pathology I, CLSC -7102 Bone Pathology II  
 or  
 - BASC-6201 Pathology II, CLSC 5301 Diagnostic Imaging I, CLSC 6104 Diagnostic Imaging II

**REQUIRED TEXTBOOKS:**

- 1 Clinical Imaging 2<sup>nd</sup> edition Dennis Marchiori, Elsevier/Saunders 2005
- 2 Musculoskeletal MRI 1<sup>st</sup> or 2<sup>nd</sup> editions Kaplan, Helms et al. Saunders 2001 or 2008
- 3 Supplemental Class Notes – Soft Tissue Pathology - Foshang \*

**RECOMMENDED ADDITIONAL TEXTBOOKS:**

1. Principles of Chest Roentology by Felson, Weinstein and Spitz; Saunders 1965
2. Felson's Principles of Chest Roentology. 2nd edition by Goodman; Saunders 1999
3. The Abdomen Plain Film with Correlative Imaging. 2nd edition by Baker; Appleton & Lange

NOTE\* If there is a disagreement between the lecture material and the texts, consider the lecture material preeminent for testing purposes.

**SUPPLIES:**

Scantron Sheets and #2 pencils for taking exams Students will need a good clean eraser because **No Credit** is given for incomplete eraser mistakes made on the scantron sheet once they are graded.

**EVALUATION AND GRADING POLICY:**

Evaluation is an integral part of the educational process and is used as an educational tool to help students identify problem areas, to recognize and reward achievement, and to identify students who are unable to meet the rigors of the curriculum. Final course grades and their interpretation are listed below:

<b>MIDTERM EXAM</b>	<b>25%</b>
<b>MIDTERM PRACTICAL</b>	<b>15%</b>
<b>FINAL PRACTICAL</b>	<b>15%</b>
<b>FINAL EXAM</b>	<b>30%</b>
<b>QUIZZES</b>	<b>10%</b>
<b>REPORTS</b>	<b><u>5%</u></b>

**Total 100%**

Grade	Numeric Value	Grade Point	Interpretation of Academic Achievement
A	89.5-100	4.0	Excellent
B	79.5-89.49	3.0	Above Average
C	69.5-79.95	2.0	Satisfactory
F	69.49 or below	0.0	Unacceptable

This grading scale is strictly adhered to. There are NO exceptions.

**ESTIMATE OF STUDENT WORK LOAD:**

A student should plan to spend a minimum of 3 hours per week on the materials presented in this course. Some may spend considerably more and some may spend less. Soft Tissue Pathology is a subject that requires repetition to master. You should consider initially working alone and then in a study group so concepts can be discussed and elaborated upon.

**STUDENTS WITH SPECIAL NEEDS:**

Parker College of Chiropractic adheres to section 504 of the Federal Disability law and assists qualified students. If you feel you qualify for this type of assistance, you should contact the Office of Student Affairs.

**90/90 RULE:**

The 90/90 rule does not apply to this class.

**EXAMINATIONS: Make-up Exams/Lab Practical's**

You must be on time for the Exam or Lab Practical as no Exams are passed out once the first student leaves the exam room. Exams/Lab Practicals are scheduled well in advance so that students can plan appropriately. If a student must be absent from an exam/lab practical, it is the student's responsibility to notify the Course Director no later than the scheduled starting time of the exam/lab practical. Failure to notify the Course Director could result in the student receiving a grade of "0" for the missed exam/lab practical. (See common policies)

**Exam dates can only be changed by the course director, under the direct guidance of the trimester faculty coordinator.**

**ALTERING GRADES ON EXAMS:**

Evaluation of the scantron analysis sheet will reveal the number or percentage of student who miss each question. If 60 % or more of students answer a question incorrectly then the question comes under academic scrutiny by the course director. If the question is miss keyed, then the scantron should all be regraded giving students credit for the correct answer and taking points off for incorrect answers.

If it is determined the question is poorly worded is misleading or a bad question then there are several options. 1) the questions can be removed from the exam and the grades recalculated based on one less question, i.e. Calculating the grade on 49/50 questions. 2)

points can be added to student's exams that missed the question only, that way everybody gets credit for the question. 3) points can be added to all students' exams, thereby giving credit to those who missed the question and giving extra points to those who got it right.

**MISSED EXAM POLICY:**

See "Policies Common to All Parker Courses" on My Parker.

**LABORATORY:**

You must sign the roll sheet at the beginning of each lab session to be counted present for that lab. It is your responsibility to find and sign the roll sheet. If you have to miss a lab or if you need to switch labs, you must obtain permission from the Lab Director. No one else may grant permission to switch labs.

**OPEN LABS:**

Open review labs are held on times to be announced each trimester. Exact times may vary and exact times WBA. Lab models may not be taken from the lab room.

**EXTRA CREDIT: None**

**LECTURE EXAM REVIEW:**

The review period for each exam will begin after the posting of the grades and last for five working days only, excluding weekends and holidays. Questions about the final exam and/or final course grades must be reviewed with the Course Director by 3:00 p.m. the third day of the new trimester.

**A COMPLETE LIST OF ALL ACADEMIC POLICIES CAN BE FOUND ON THE PARKER WEBSITE TO INCLUDE BUT NOT LIMITED TO:**

CLASSROOM BEHAVIOR:

PROFESSIONAL DECORUM:

ACADEMIC DISHONESTY:

ATTENDANCE POLICY:

ABSENCES FOR RELIGIOUS HOLIDAYS:

STUDENT BEREAVEMENT POLICY:

COMPUTER USAGE:

AUDIO/VIDEO TAPING

COMMUNICATIONS

SPECIAL NEEDS CONSIDERATIONS

**IMPORTANT NOTE:**

The provisions contained in this syllabus do not constitute a binding contract between the student and the Parker College of Chiropractic. These provisions may be changed at any time and for any reason at the discretion of the Course Director. When it is necessary to make changes to this document, appropriate notice (at least one week, if possible) will be given to the student(s).