

Course Syllabus – Summer 2013

Course Number: CHSC-7403 001

Course Title: Applied Kinesiology

Course Director: Thomas M. Redenbaugh, D.C.

Office Hours: Mon.- Thurs. 12:00 – 1:00
Wed. 3:20 - 4:10

Trimester Credit Hours: 2

Total Contact Hours Per Trimester: 45

Lab Hours Per Week: 2

Lab Director/Instructors: Thomas M. Redenbaugh, D.C.

Lab Contact Hours/Trimester: 30

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COURSE DESCRIPTION:

This course introduces students to Applied Kinesiology (AK), a system of chiropractic analysis and adjustment developed by Dr. George Goodheart in 1964. This technique utilizes specific muscle testing procedures to assist in the detection of interference to the nervous system and specific methods of correction by using the "Five Factors of the Inter-Vertebral Foramen." Further study is made of the pelvic categories as first identified in Sacral Occipital Technique as well as cranial analysis and adjustment. The student is also introduced to the concepts of detection and correction of various organ dysfunctions.

GENERAL APPROACH TO TEACHING:

Applied Kinesiology has as its foundation the concept of muscle testing. I will be using a variety of methods to help insure that the student will be able to do a proper muscle test and then interpret the results and patterns that present. Consequently the majority of the work that we will be doing in lecture and lab will be hands on. I've found that the more a student is able to muscle test, the better they become at it. Therefore, we will be changing partners multiple times throughout a particular session to ensure that the student has an opportunity to practice on many different body styles and muscle types. I've also found that it is better to keep up with this material on a day to day and week to week basis and towards that end will be evaluating the student's understanding of the material both current and past through weekly quizzes, skill set demonstrations, practical and written exams.

ESTIMATE OF STUDENT WORKLOAD:

Students should spend a minimum of an hour per day practicing the material. It is better to practice for 10 minutes and then come back to it than it is to try and do 60 minutes in a row. Group practice has proven to be most effective, i.e. one student assumes the role of the patient, one student assumes the role of the doctor, and third student assumes the role of the reader/evaluator to ask questions and make corrections then alternate roles.

LEARNING OUTCOMES:

At the completion of this course the student should be able to:

01. Perform a standard Applied Kinesiology muscle test of any of the muscles associated with the neck, trunk, shoulder, elbow, wrist, hip, knee, foot and ankle and classify it as facilitated or inhibited.

02. Detect and correct inappropriate muscle inhibition using the "5 factors of the IVF." (includes use of therapy localization and challenges).
03. Detect and correct spinal fixation complexes.
04. Detect and correct the basic cranial and sutural faults
05. Detect and correct the basic pelvic categories.
06. Demonstrate knowledge of the history and development of Applied Kinesiology.

ASSESSMENT:

The students will be assessed with a combination of quizzes, written and practical exams.

PREREQUISITES:

Diversified

REQUIRED TEXTBOOKS:

Applied Kinesiology: Synopsis 2nd Edition by David Walther, D.C.

RECOMMENDED ADDITIONAL TEXTBOOKS:

1. Muscles Testing and Function with Posture and Pain 5th Edition; Kendall, McCreary, Provance, Rodgers, Romani
2. Physical Examination of the Spine and Extremities; Hoppenfeld
3. Musculoskeletal Manual Medicine, Diagnosis and Treatment, Dvorak, Dvorak, Gilliar, Schneider, Spring, Tritschler, Thieme

SUPPLIES:

Students will need scantrons for the unannounced quizzes and the written exams. Students will need sterile examination gloves for the cranial module.

GRADING SYSTEM:

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:

Grade	Numerical Value	Grade Point Average	Interpretation of Academic Achievement
A	89.5 – 100	4.0	Excellent
B	79.5 - 89.49	3.0	Above Average
C	69.5 - 79.49	2.0	Satisfactory
F	69.49 or Below	0.0	Unacceptable

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

Weekly Quizzes	20 points
Midterm Practical Video	30 points
Initial Post – 5 points	
1 st review – 5 points	
2 nd review – 5 points	
3 rd review – 5 points	
Instructor review – 10 points	
Final Practical Video	30 points
Initial Post – 5 points	
1 st review – 5 points	
2 nd review – 5 points	
3 rd review – 5 points	
Instructor review – 10 points	
Final Comprehensive Written	20 points
Total Possible Points	100 points

LABS:

Students will be required to have sterile finger cots/gloves for the cranial labs.

OPEN LABS:

Open labs may be scheduled later in the trimester based on the needs of the students and at the discretion of the instructor.

90/90 RULE:

Does not apply to this class.

EXTRA CREDIT:

There is no extra credit for this class.

COMMON ACADEMIC POLICIES

A complete listing of all common academic policies is found on the Parker Website;
At MyParker, Academics-Clinics, Academics, Common Policies (December 2011)

Absences for Religious Holidays

Academic Dishonesty

Academic Promotion, Probation and Dismissal Policy

Appeals

Attendance Policy

Policy on Late Instructors

Audio/Video Taping

Cell Phones and Electronic Devices in Class

Classroom Behavior

Communications

Computer Usage

Examinations (Make up Exams/Lab Practicals & Altering Grades on Exams/Exam Review)

Final examinations

Grading system

Missed Exam Policy

Grade Appeal Process

Professional Decorum

Special Needs Considerations

Student Bereavement Policy

DISCLAIMER

The lecture outlines contained in the lecture booklet are NOT intended to represent the entire content of the course. A lecture outline is intended to be a guide to the lecture. The responsibility of the instructor is to follow the outline, expand the concepts and give explanation and illustrations to clarify content. The role of the student is to attend lecture and take notes over material presented by the lecturer that explains and illustrates the material listed in the outline. It is also the responsibility of the student to question the instructor if explanations and illustrations are not clearly presented or understood.

The instructors take no responsibility for the accuracy or completeness of old notes, quiz questions or exam questions that students may purchase, acquire from off of the internet or be given by previous students.

IMPORTANT NOTE:

The provisions contained in this syllabus do not constitute a binding contract between the student and Parker University, 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).