

Parker University, College of Chiropractic

GENERAL COURSE INFORMATION:

Course Title: Flexion / Distraction – **Fall 2012**

Trimester Credit Hours: 2

Course Director: Marty J. Hall, D.C., DACNB

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Office Hours: M/T – Th/F 12-1

Lab Director/Instructors: Marty J. Hall, D.C., DACNB

Course Number: CHSC-7401T-Elective

Total Contact Hours Per Trimester: 45

Class meeting time: Wednesday 7-7:50

Lab Hours Per Week: 2

Lab Contact Hours/Trimester: 30

COURSE DESCRIPTION: (rev. 1-31-11)

This class introduces the student to two different flexion/distraction/decompression techniques. Manual as developed by Dr. James M. Cox and motorized or automated as developed by Dr. Leander Eckard.

Manual flexion distraction as developed and refined by Dr. Cox based on the work of John V. McManis, D.O. This is a non-surgical technique for the treatment of (cervical, thoracic & lumbar) disc herniations, spondylolisthesis, facet syndrome just to name a few. This technique has a long history (100+ years), is well documented and continues to be utilized in ongoing research.

Motorized flexion-distraction table as developed by Dr. Eckard uses the concept of using motorized continuous passive motion to help find spinal fixations and then reduce the force necessary to correct vertebral subluxations through concurrent adjusting. “Full-spine” adjustment delivery on the “Eckard Advantage” table will be presented. There will also be a special introductory section on treatment of scoliosis.

LEARNING OBJECTIVES:

Learning Outcomes: [Lecture & LAB] At the completion of this course, the student should:

Course objective for both sections: (rev. 1-31-11)

By the end of this introductory course the student will have acquired basic knowledge of table function and their differences, how to set the table and patient up for treatment delivery. The student will also have acquired the basic knowledge of the theoretical basis for each of the tables.

GENERAL APPROACH TO TEACHING:

This course is an introductory course in learning what truly makes us unique and sets us apart from the other health care fields. This course leans heavy on the basic sciences of embryology, anatomy, physiology and biomechanics. It further builds upon these courses

along with palpation & motion palpation. This course is foundational for all manipulative arts and at its core are the basics of the adjustment. We are interactive using the computer, DVD's, ELMO, PDF files, charts and in class demo's. We welcome your questions. This class has a greater emphasis on the labs with its practical applications. We want you to stand on solid ground as you develop your art form. The adjustment is our medicine, our cure, our help, our hope and our future.

PREREQUISITES:

Enrollment in Parker University, College of Chiropractic and Diversified.

REQUIRED TEXTBOOKS: None

RECOMMENDED ADDITIONAL TEXTBOOKS:

Leander Technique Course Manual ~ by Leander Eckard, D.C.
Motorized Flexion-Distractor ~ by Dennis Anthony, D.C. and Stephen Tranter, D. C.
Low Back Pain: Mechanism, Diagnosis, and Treatment ~ by James Cox, D.C.
Chiropractic Technique, 3rd edition ~ by Peterson & Bergmann
Chiropractic Manipulative Skills, 2nd edition ~ by Byfield
Motion Palpation and Chiropractic Technic, 3rd edition ~ by Faye and Schafer
Clinical Biomechanics of Spinal Manipulation ~ by Herzog
Spinal Adjustment Technique, The Chiropractic Art ~ by Esposito & Philipson
Clinical Anatomy of the Lumbar Spine, 2nd edition ~ by Bogduk & Twomey
The Lumbar Spine, The International Society for the Study of the Lumbar Spine ~ by Weinstein & Wiesel
Managing Low Back Pain, 4th edition ~ by Kirkaldy-Willis & Bernard
Principles of Manual Medicine, 3rd ed. ~ by Greenman
Foundations of Chiropractic, 2nd edition ~ by Gatterman
Technique Systems in Chiropractic ~ by Cooperstein & Gleberzon
Common Vertebral Joint Problems ~ by Grieve
Fundamentals of Chiropractic ~ by Redwood & Cleveland
Maitland's Vertebral Manipulation, 7th edition ~ by Maitland
Movement, Stability & Lumbopelvic Pain, 2nd edition ~ by Vleeming, Mooney & Stoeckart
States Manual of Spinal, Pelvic and Extravertebral Technics, 2nd edition ~ by States
Out of Print:
Mechanically Assisted Manual Techniques: Distraction Procedures ~ by Bergman & Davis
Manual Medicine – Diagnostics, 2nd revised edition ~ by Dvorak & Dvorak
Manual Medicine – Therapy ~ by Schneider, Dvorak, Dvorak, Tritschler
Medical Checklists – Manual Medicine ~ by Dvorak & Dvorak
The Physiology of the Joints, 2nd edition, Vol. III ~ by Kapandji
Clinical Biomechanics of the Spine, 2nd ~ by Augustus White III, M.D. and Manohar Panjabi, PhD.
Orthopedic Medicine ~ by Maigne
Manual of Osteopathic Technique ~ by Stoddard
Manual of Osteopathic Practice ~ by Stoddard
Spinal Manipulation ~ by Bourdillon
Mobilisation of the Spine, 3rd edition ~ by Grieve

Textbook of Clinical Chiropractic, A Specific Biomechanical Approach ~ by Plaugher
 The Science and Art of Joint Manipulation, Vol. I The Extremities, 2ed, 1949 ~ by James Mennell
 The Science and Art of Joint Manipulation, Vol. II The Spinal Column, 1952 ~ by James Mennell
 Back Pain Diagnosis and Treatment Using Manipulative Techniques, 1960 ~ by John Mennell
 Joint Pain Diagnosis and Treatment Using Manipulative Techniques, 1964 ~ by John Mennell

SUPPLIES: N/A)

EVALUATION AND GRADING POLICY:

Questions will be taken from the handouts and laboratory demonstrations and lecture information. The final grade is based upon 60% practical and 40% written grades.

COX Flexion-Distractio	20%
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Leander Flexion-Distractio	30%
Leander Flexion-Distractio	20%
TOTAL	100%

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 regard 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	Below 69.49	0.0	Unacceptable

Secretary staff members are not allowed to give a student his/her grades either in person or over the telephone.

ESTIMATE OF STUDENT WORK LOAD:

If the student listens, participates and practices, he/she should do well. Understand that this is a lifelong pursuit and one does not master this psychomotor skill in a trimester. We will evaluate your skill for core movements this is why we recommend that the student practice, practice, practice.

STUDENTS WITH SPECIAL NEEDS:

Parker University, 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: N/A for this Class

A complete listing of all Academic policies is found on the Parker Website:

<https://myparker.parkercc.edu/ics/Academics - Coursework/Course Catalog.jnz>

Absences for Religious Holidays
Academic Dishonesty
Academic Promotion, Probation and Dismissal Policy
Appeals
Assistance and Accommodations
Attendance Policy
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
Late Instructors to Lecture/Lab
Missed Exam Policy
Grade Appeals
Professional Decorum
Special Needs Consideration
Student Bereavement Policy
Excused Absences

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 the 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 at all possible) will be given to the student(s).