

SYLLABUS

Name of Course:	Integrated Drop Table—TECH-325/825
Length of Course:	1.5 units, 30 hours (1 hr. lecture/2 hrs. lab-demo/week)
Course Description:	Drop Table utilization from several techniques will be integrated in this course, including Thompson, Diversified, Toggle Recoil, and CBP. Set-ups will include listings for occiput, cervical, thoracic, lumbar and pelvic regions.
Prerequisites:	TECH-130, TECH-233
Course Offered By:	Technique Department

Department Objective: To give to our students, freely and out of abundance, the best of our knowledge and skills. To develop the most talented of chiropractors that they may with skill, both find and correct the vertebral subluxation. To do this for the overall betterment, health, and well-being of their patients and the world.

Required Text: Minardi J, *The Complete Thompson Textbook 2nd ed. 2014*

Recommended Texts:

Zemelka WH, *Segmental Drop Adjusting 2004*

Thompson JC. *Thompson Technique Reference Manual 1984*

Harrison D. *CBP Technique 2002*

Korr I. *Neurobiologic Mechanisms in Manipulative Therapy 1978*

Kapandji IA. *Physiology of the Joints: v. 3 Trunk and Vertebral Column 6th ed. 2008*

Haldeman S. *Principles and Practice of Chiropractic 3rd ed. 2005*

Pierce W. *Results rev. ed. 1986*

Palmer BJ. *The Subluxation Specific – The Adjustment Specific 1934*

Technique Lab Attire Policy:

Healthy clean hygiene is expected from all students. It is recommended that students bring a face cloth and/or towel to place on the table. Towels reduce the need for the use of chemical sanitation treatments on the adjusting tables.

Accessibility to the Spine and Spinal Structures:

- Patient gown - In an effort to recreate a clinical setting and to appropriately facilitate the realistic use of skills relative to professionalism and personal boundaries, “gowns” made of torn or altered t- shirts/garments are not acceptable for this course.
- To maintain modesty and a professional environment, no revealing attire is permitted.
- Covered shoes (sandals and flip flops do not qualify) are required for all participants.

Materials Required:

Patient Gown (preferably waist length)

Skin Marking Pencil

Please check with your instructor for any further instructions for your particular course or if you have any concerns about the appropriateness of specific articles of clothing.

Methods of Instruction:

1. Lectures
2. Handouts
3. Assigned readings
4. Practical demonstrations
5. Practical
6. Multi media

Grade and Method of Grading:

Grading:

Lecture Points are as follows:

Written Midterm Exam=60 pts., Final Written Exam=30 pts.

Observed Drop table Adjustments =10 pts.

Lab Points: Midterm Practical=50 pts., Final Practical=50 pts.

Since lecture is 1 hour per week and lab is 2 hours per week, points will be weighted at 35% and 65% respectively.

A = 4.0 93-100%

B = 3.0 85-92%

C = 2.0 75-84%

F = 0.0 0-74%

Grades and the Grading System Final Grades are available online through the CAMS student portal. If there are any questions on grading procedures, computation of grade point average, or the accuracy of the grade report, please contact the Registrar’s Office or the Office of Academic Affairs. Grades will be reported and evaluation will be based on the Academic Policies, Procedures, & Services. Please refer to Evaluation Policy (**Policy ID: OAA.0007**)

In order to maintain **Satisfactory Academic Progress**, a student must maintain a 2.0 or better in each and every course. **Any grade less than a C must be remedied by repeating the class.** Please refer to Satisfactory Academic Progress (**Policy ID: OAA.0006**)

Attendance: Please refer to Attendance Policy (**Policy ID: OAA.0002**)

Conduct and

Responsibilities: Please refer to the Personal Conduct, Responsibility and Academic Responsibility Policy (**Policy ID: OAA.0003**)

Make-up Exams: Please refer to Make-up Assessment Policy (**Policy ID: OAA.0001**)

Request for

Special Testing: Please refer to Request for Special Testing (**Policy ID: OAA.0004**)

Accommodation for Students with Disabilities:

If you have approved accommodations, please make an appointment to meet with your instructor as soon as possible. If you believe you require an accommodation, but do not have an approved accommodation letter, please see the Academic Counselor Lori Pino in the Office of Academic Affairs. Contact info: Lpino@lifewest.edu or 510-780-4500 ext. 2061. Please refer to Service for Students with Disabilities Policy (**Policy ID: OAA.0005**)

Electronic Course Management:

Canvas is LCCW's Learning Management System (LMS). Canvas will be used throughout the quarter during this course. Lectures, reminders, and messages will be posted. In addition, documents such as the course syllabus and helpful information about the class project will be posted. Students are expected to check Canvas at least once a week in order to keep updated. The website address for Canvas is <https://lifewest.instructure.com/login/canvas> Please refer to the Educational Technologies Policy (**Policy ID: OAA.0009**)

Independent Student Work: All assignments and exams must be the product of the individual student's original efforts for this class.

Extra Credit: There will be no extra credit work accepted in this class.

Course Objectives: In reference to the weekly course topics, the Instructor will:

1. Introduce current concepts of the mechanisms of spinal dysfunction (Vertebral Subluxation Complex) from the available literature. [CCE: 1.C]
2. Discuss and demonstrate how to develop a dynamic rationale for the Vertebral Subluxation Complex Model and its correction. [CCE: 1D, 1E, 7B, 7C, 7D]
3. Discuss and demonstrate the present concepts and procedures of the various drop table techniques and how to apply them on different drop table models. [CCE: 7B, 7C]

Course Outline:

- Week 1:** Introduction, Syllabus review
Course Overview, Equipment information, Prone Leg Check, Derifield findings
- Week 2:** Video: Thompson Technique Vol. 1
Positive Derifield / PI Ilium Demo & Practice
- Week 3:** Lecture and Video: Documentation (S.O.A.P. Notes)
Negative Derifield /AI Sacrum Demo & Practice
- Week 4:** Lecture: Concepts of Chiropractic Biophysics
Cervical Syndrome / Bilateral Cervical Syndrome,
CBP Head Flexion / Head Translation Correction
Demo & Practice
- Week 5:** Lecture and discussion: “What is Chiropractic, how do we communicate it effectively?”
Atlas Listings / Toggle Recoil with or without posture correction
First Rib / Ribs 2-10
- Week 6:** ***Written Midterm Exam***
Lab Review
- Week 7:** Written Exam Review
Lab Practical Midterm Exam
- Week 8:** Video: Thompson Technique Vol. 2
Thoracic / Lumbar Listings Demo & Practice
- Week 9:** Adjustment Day
Retrolisthesis L5 / Spondylolisthesis L5 Demo & Practice
- Week 10:** Drop Table Review, Course Summary
Lab Practical Final Exam
- Week 11:** ***Written Final***

Student Learning Outcomes / Learning Objectives:

At the conclusion of this course students will be able to;

- 1) Student will demonstrate a working knowledge of droptable equipment.
- 2) Student will operate droptables safely and effectively.
- 3) Student will properly perform a prone leg check.
- 4) Student will be able to properly identify the D+ finding, understand the listing it indicates, and know how to make the appropriate correction with a droptable adjustment.
- 5) Student will be able to properly identify the D- finding, understand the listing it indicates, and know how to make the appropriate correction with a droptable adjustment.
- 6) Student will be able to properly identify the Cervical Syndrome, understand the listing a. it indicates, and know how to make the appropriate correction with a droptable b. adjustment.
- 7) Student will be able to properly identify the Bilateral Cervical Syndrome, understand the a. listing it indicates, and know how to make the appropriate correction with a droptable b. adjustment.
- 8) Student will know how to correct posterior rib misalignments for ribs 1-10 with a droptable adjustment.
- 9) Student will have a working knowledge of the concept of how to use mirror image adjusting to correct posture using a droptable.
- 10) Student will know how to adjust C1 with the patient in a side posture position using a droptable.
- 11) Student will know how to correct Thoracic spinous listings using a droptable.
- 12) Student will know how to correct Lumbar spinous listings using a droptable.
- 13) Student will know how to correct a Lumbar Retrolisthesis using a droptable.
- 14) Student will know how to adjust a Lumbar spondylolisthesis with the patient supine using a droptable, as well as the contraindications that must be considered.

The following PLO's are mapped to this course: [1, 2, and 7]

Program Learning Outcomes (PLO): Students graduating with a Doctor of Chiropractic degree will be proficient in the following:

- 1. ASSESSMENT AND DIAGNOSIS:** An assessment and diagnosis requires developed clinical reasoning skills. Clinical reasoning consists of data gathering and interpretation, hypothesis generation and testing, and critical evaluation of diagnostic strategies. It is a dynamic process that occurs before, during, and after the collection of data through history, physical examination, imaging, laboratory tests and case-related clinical services.
- 2. MANAGEMENT PLAN:** Management involves the development, implementation and documentation of a patient care plan for positively impacting a patient's health and well-being, including specific therapeutic goals and prognoses. It may include case follow-up, referral, and/or collaborative care.
- 3. HEALTH PROMOTION AND DISEASE PREVENTION:** Health promotion and disease

prevention requires an understanding and application of epidemiological principles regarding the nature and identification of health issues in diverse populations and recognizes the impact of biological, chemical, behavioral, structural, psychosocial and environmental factors on general health.

4. **COMMUNICATION AND RECORD KEEPING:** Effective communication includes oral, written and nonverbal skills with appropriate sensitivity, clarity and control for a wide range of healthcare related activities, to include patient care, professional communication, health education, and record keeping and reporting.
5. **PROFESSIONAL ETHICS AND JURISPRUDENCE:** Professionals comply with the law and exhibit ethical behavior.
6. **INFORMATION AND TECHNOLOGY LITERACY:** Information literacy is a set of abilities, including the use of technology, to locate, evaluate and integrate research and other types of evidence to manage patient care.
7. **CHIROPRACTIC ADJUSTMENT/MANIPULATION:** Doctors of chiropractic employ the adjustment/manipulation to address joint and neurophysiologic dysfunction. The adjustment/manipulation is a precise procedure requiring the discrimination and identification of dysfunction, interpretation and application of clinical knowledge; and, the use of cognitive and psychomotor skills.
8. **INTERPROFESSIONAL EDUCATION:** Students have the knowledge, skills and values necessary to function as part of an inter-professional team to provide patient-centered collaborative care. Inter-professional teamwork may be demonstrated in didactic, clinical or simulated learning environments.
9. **BUSINESS:** Assessing personal skills and attributes, developing leadership skills, leveraging talents and strengths that provide an achievable expectation for graduate success. Adopting a systems-based approach to business operations. Networking with practitioners in associated fields with chiropractic, alternative medicine and allopathic medicine. Experiencing and acquiring the hard business skills required to open and operate an on-going business concern. Participating in practical, real time events that promote business building and quantifiable marketing research outcomes
10. **PHILOSOPHY:** Demonstrates an ability to incorporate a philosophically based Chiropractic paradigm in approach to patient care. Demonstrates an understanding of both traditional and contemporary Chiropractic philosophic concepts and principles. Demonstrates an understanding of the concepts of philosophy, science, and art in chiropractic principles and their importance to chiropractic practice.