

SYLLABUS

Name of Course:	Integrated Drop Table—TECH-325/825
Length of Course:	1.5 units, 33 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
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.
Recommended Texts:	Minardi J, <i>The Complete Thompson Textbook 2nd ed.</i> 2014 Zemelka WH, <i>Segmental Drop Adjusting</i> 2004 Thompson JC. <i>Thompson Technique Reference Manual</i> 1984 Harrison D. <i>CBP Technique</i> 2002 Korr I. <i>Neurobiologic Mechanisms in Manipulative Therapy</i> 1978 Kapandji IA. <i>Physiology of the Joints: v. 3 Trunk and Vertebral Column</i> 6 th ed. 2008 Haldeman S. <i>Principles and Practice of Chiropractic</i> 3 rd ed. 2005 Pierce W. <i>Results</i> rev. ed. 1986 Palmer BJ. <i>The Subluxation Specific – The Adjustment Specific</i> 1934

Technique Lab Attire Policy:

All students are required to follow the policy outlined in this section. Failure to wear proper attire or follow the guidelines may result in being counted as absent for that lab not being allowed to participate. Please notify the instructor if you have any health concerns (skin conditions, injuries, etc.) or other issues that hinder your ability to comply to these guidelines.

Keep in mind that everything we ask and expect of students is focused on clinical practice and providing a safe professional environment not only for the students in the lab, but eventually for the patients under your care.



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Healthy clean hygiene is expected from all students. Common courtesy and mutual respect suggests you do not show up wearing the same gym clothes you wore during your daily workout. It is recommended that students bring a face cloth and / or towel to place on the table. Towels maintain sanitary standards and reduce the need for the use of chemical sanitation treatments on the adjusting tables. Plus, vinyl can be cold and uncomfortable to lie on at times.

- **For Men:** A crew neck T-shirt with sleeves, long pants / sweats or shorts kept at the waistline and covering all underwear (also required)
- **For Women:** A crew neck T-shirt with sleeves and a slit cut up the back (or patient gown) with a bra underneath (no sports bras, please), long pants / sweats or shorts kept at the waistline and covering all underwear (also required) **NOTE: an instructor may waive the cut T-shirt or patient gown requirement for any given course.**
- To maintain modesty and a professional environment, no low cut or revealing attire is permitted.
- **Covered shoes** (sandals and flip flops do not qualify) **are required for all participants.**

The bottom line is we need to be able to easily palpate the spine for specific landmarks and structures. If you have any questions or concerns as to whether an article of clothing meets the criteria for lab attire check with the instructor before the lab begins.

Methods of Instruction:

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

Grade and Method of Grading:

Grading:	50 points	Midterm Practical
	60 points	Midterm Written Exam
	50 points	Final Practical
	30 points	Final Written
	10 points	Observed Drop table Adjustment

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, Course Overview, Equipment information, Prone Leg Check, Derefield findings
- Week 2:** Syllabus review
Positive Derefield / PI Ilium Demo & Practice
- Week 3:** Video: Thompson Technique Vol. 1
Negative Derefield /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 Video: Documentation (S.O.A.P. Notes)
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:** Lecture and discussion: “What is Chiropractic, how do we communicate it effectively?”
Thoracic / Lumbar Listings Demo & Practice
- Week 9:** Drop Table Review, Course Summary
Retrolisthesis L5 / Spondylolisthesis L5 Demo & Practice
- Week 10:** Adjustment Day
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. Demonstrate a working knowledge of effectively and safely operating drop table equipment. [PLO: 7]
2. Properly perform a prone leg check, identify the D+ and D- findings, and effectively apply that knowledge using a drop table adjustment. [PLO: 1, 7,10]
3. Properly demonstrate the evaluation of the Cervical Syndrome and the Bilateral Cervical Syndrome, and identify and indicate how to make the appropriate correction with a drop table adjustment. [PLO: 1, 7,10]
4. Demonstrate the correction of thoracic and lumbar subluxations, posterior rib misalignments for ribs 1-10, and a (supine position) lumbar spondylolisthesis, as well as the contraindications that must be considered using a drop table adjustment. [PLO: 1, 7,10]
5. Demonstrate mirror image set-ups to correct postural distortions using a drop table. [PLO: 1, 7,10]
6. Demonstrate a side posture set-up of C1 using a drop table. [PLO: 1, 7,10]
7. Perform an observed drop table adjustment with proper documentation. [PLO: 1, 4, 7,10]

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.