

SYLLABUS

- Name of Course:** Subluxation Analysis - TECH 135/635
- Length of Course:** 3.0 units, 41 hours - 3 Hours Lab & 1 Hour Lecture
- Course Description:** This course introduces the foundation of the spinal subluxation evaluation as presented in the Technique and Clinic curriculum. The components and related assessment procedures of the vertebral subluxation complex will be presented in a stepwise process with an emphasis on integration of clinical findings. These clinical findings will also be related to clinical documentation guidelines. The course prepares the student with core skills required for future adjusting courses at Life Chiropractic College West.
- Prerequisites:** TECH-116
- Requisite for:** All subsequent Technique courses
- Course Offered By:** Technique Department
- Required Texts:** Course note packet available on Canvas
- Reference Materials:** *How to Find a Subluxation* by Howard Pettersson, DC, and John Green, DC.
Lecture Note Set by Ramneek S. Bhogal, DC, DABCI ©May 2017
Essentials of Toggle Recoil, John Strazewski, DC, MS.Ed.

Materials & 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 and / or not being allowed to participate. Please notify the instructor if you have any health concerns (skin conditions, injuries, etc.) or other issues that may 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.

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.

• **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. “Gowns” that are of a design not appropriate for an actual professional clinical setting, are also **not** acceptable for this 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.

Materials Required:

- Patient Gown (preferably waist length)
- Skin Marking Pencil

Grades and Method of Grading:

Posture Practical	10 Points
Instrumentation Practical	20 Points
Patient Eval Practical	25 Points
Midterm Exam	20 Points
Written Final	<u>35 Points</u>
Total	110 Points

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.

A	93-100%	(102 – 110)
B	84-92%	(92 – 101)
C	75-83%	(82 – 91)
F	Below 75%	(< 82)

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**)

Instructor's Policy on Recording Devices:

With respect to laws that govern intellectual property and copyright, the use of any media recording devices (**audio/video/photo**) is prohibited in the lecture or lab setting without the prior written consent (email or otherwise) of the course instructor. Please be advised that this includes the taking of any photographs or audio/video recordings during any form of course instruction.

Course Objective:

The future doctor will understand the components of the vertebral subluxation complex. With this skill set they will be proficient in identifying a spinal subluxation by utilizing an integrated clinical assessment protocol of visualization, postural analysis, static palpation, motion palpation, instrumentation, and use of the listing system. Proficiency with this integrated assessment will enhance learning and success in future Technique and Clinic courses.

Course Outline: Please see the course calendar, published on Canvas, for details regarding daily topics covered in both lecture and lab. All tentative dates for written exams and practical exams are also published on the course calendar.

Student Learning Outcomes (SLO): At the completion of the TECH 135/635 course, a student should be able to:

1. Understand and verbalize the component parts of the vertebral subluxation complex. [PLO: 1, 10]
2. Verbalize and demonstrate how to perform posture analysis as part of a patient evaluation. [PLO: 1]
3. Demonstrate how to perform thermographic instrumentation as part of a patient evaluation. [PLO: 1]
4. Demonstrate how to utilize various technological tools as analytical objective measures. [PLO: 1]
5. Verbalize and demonstrate how to perform posture analysis as part of a patient evaluation. [PLO: 1]
6. Demonstrate how to perform motion palpation and begin deriving listings in the fixation model. [PLO: 1]
7. Verbalize and demonstrate how to perform static palpation as part of a patient evaluation. [PLO: 1]
8. Demonstrate a clinically integrated method of detecting a vertebral subluxation. [PLO: 1, 4]

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.