

SYLLABUS

Name of Course:	Student Clinic 1 HC-310/810
Length of Course:	Lecture: 3 units, 53 hours; Lab: 1.5 units, 22 hours (plus a minimum of 10 hours of clocked Health Center hours)
Course Description:	This course has been designed to correlate and integrate material that will prepare the student for development of their clinical and professional skills and obligations. An orientation to the Health Center: the facilities, policies and procedures, and proper patient protocol. The student is provided the Health Center manual and is instructed in the application of policy and procedure in regard to the laws of the state of California, the CCE and LCCW standards, and proper patient protocol.
Prerequisites:	TECH 116 Palpation I; TECH 124/624 Diversified Analysis TECH 129 Motion Palpation TECH 130/630 Diversified Technique I TECH 216 Biomechanics of the Spine TECH 211/711 Gonstead A TECH 222/722 Gonstead B TECH 233/733 Toggle TECH 238 Diversified Technique II TECH 325 Integrated Drop-Table Technique TECH 347/847 Management and Adjusting Upper Extremity Lecture/Lab (Or TECH 339 Extremity Soft Tissue Management if taken before Spring 2017) PATH 315 Bone and Joint Path; DIAG 226 Case History DIAG 237/737 Neuro Exam Lecture/Lab DIAG 236/736 Exam: Thorax/Abdomen DIAG 239/739 Spinal Ortho Exam DIAG 351/851 Upper Extremity Biomechanics: Exam Lecture/Lab (or DIAG 327 Biomechanics of the Extremities taken prior to SUM17) DIAG 352/852 Lower Extremity Biomechanics: Exam Lecture/Lab (or DIAG 327 Biomechanics of the Extremities taken prior to SUM17) ACS 313/813 Radiology I Lecture/Lab ACS 305/805 Adjunctive Care 1: the Spine Lecture/Lab (Or ACS 322/822 Active Care and Rehab Lecture/Lab if taken before Summer 2017)
Co-requisite	ACS 232 Emergency Care ACS 335/835 Radiology II ACS 311/811 Adjunctive Care: Modalities Lecture/Lab CPP 318 Patient Education Systems DIAG 316/816 EENT Lecture/Lab TECH 348/848 Management and Adjusting Lower Extremity Lecture/Lab (Or TECH 339 Extremity Soft Tissue Management if taken before Spring)

Course Offered by:	Health Center, Clinical Education Department
Required Text:	All class notes will be found on the Canvas Learning Management System (LMS) under the Student Clinic-1 page. The course lead instructor and guest presenters may provide students with hard copy as well as electronic versions of their presentation material. Current Health Center Manual available as a file on this course's Canvas page. Please enroll in the Canvas Health Center Interns course https://lifewest.instructure.com/enroll/Y8TXBK <i>Differential Diagnosis and Management for the Chiropractor</i> , 5 th ed, Souza 2016
References:	Canvas LMS Posted Reference documents Clinical Entrance Exam review videos, available in the library
Materials:	Laptop, Chromebook (Computer access)
Method of Instruction:	Class presentation, discussion & demonstration, Case Based Learning, Care and Management Plan participation and file completion (Written Clinic Entrance exam)

Evaluation/Grading Criteria:

This is a pass/no pass (P/NP) course grade. If a student does not complete all requirements by the end of finals week, he or she will receive an Incomplete for Student Clinic 1. The student has until the Saturday of the first week of the following quarter to complete their work and convert their grade to a Pass. If the student does not complete their work by this time, they must re-enroll in Student Clinic 1.

The following criteria must be completed and where appropriate completed at a level of competent/proficient as graded by the licensed faculty overseeing the execution of a Care and Management Review (CMR) that meets all LCCW, state and CCE requirements.

- Mock Patient Participation: You must participate as a mock patient for both the Entrance practical and the Entrance practical remake exam. Failure to participate will result in an automatic no pass for this course. The only exception is if you are registered to take the exam.
- HIPAA Approval: Online Training and quiz. Student must achieve a grade of 100% with a possibility of three attempts.
- Observations of Patient Related Activities: It is mandatory that each student complete all Health Center observation requirements in order to pass Student Clinic 1. The completed observation form is due by Friday of the 6th week of the quarter.
- Clocked Hours: 10 hours must be clocked on the Health Center time clock located at the Records Room. This time can only be clocked during Health Center hours when the student is not scheduled to be in classes or accruing time in a work study position.

- Examinations:
 - The Policies and Procedures Mid-Term must be passed with a grade of 75% or higher.
 - The Written portion of the Health Center Entrance Exam must be passed with a 75% or higher. The final will be the Health Center Entrance Written Examination. It will be given during class. Passing the written portion of the entrance exam is a prerequisite for taking the practical and x-ray portion of the exam. The remake will be given during finals week. **There is no final exam during finals week. Only those students who are remaking the written exam will have an exam for this class during finals week.
 - Lab Practical must be passed with a grade of 75% or higher
- Quizzes & Assignments: Any and all outlined course quiz and/or assignments including sections of narrative assignments in preparation for completed CMRs. These assignments are created to pace a student through the course ensuring a completion of their Care and Management Review in by no later than submission date.
- Completion of a CMR: Initial reciprocal CMR must be completed by Friday of week 11 with a final date of Friday of week 1 in accordance to the academic grade submission policies.
- Course Attendance: Attendance requirement must be satisfied with LCCW standard.
- Cumulative Grade: MUST OBTAIN a 70% cumulative grade in all coursework to receive a grade of Pass.

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

Special Testing:

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**)

Overlaps:

Please refer to Academic Policies, Procedures, & Services. Please refer to Evaluation Policy (**Policy ID: OAA.0007**)

Course Goals:

The purpose of this course is to help the student intern learn the best methods for assimilating the information gathered during the doctor/patient interaction. The student will be able to assimilate this data into a cohesive narrative report complete with case management plan, prognosis, and goals of care. The skill set developed here is the record keeping format and communicative devices utilized through the entire clinical experience.

The course will orient the student to the policies, procedures, physical facilities, and forms of the Health Center. Also covered will be the Health Center requirements and the progression of classes and examinations necessary to complete the chiropractic internship at LCCW. The student is responsible for **all** information in the Health Center manual.

Course Objectives:

Lecture and laboratory objectives reflect one another. That is, lectures provide an overview of the work that is done in the laboratory setting. Each intern will perform a complete history, examination, narrative, and case-management plan for their patient as well as a re-evaluation and narrative following the narrative template used at LCCW.

Student Learning Outcomes (SLOs):

1. The student intern will understand the basis of asking questions to ascertain pertinent information when taking a patient's history. (PLO: 1,4)
2. The student intern will understand the basis for developing an Initial Clinical Impression including probable diagnoses and differential diagnoses after taking the patient's history. (PLO: 1, 4)
3. The student intern will understand why certain examinations should be performed based on the information obtained during the history. (PLO: 1, 4)
4. The student intern will understand the basis for determining the Final Clinical Impression (Diagnoses/Problems List) after completing the patient's examination and reviewing x-rays. (PLO: 1, 2, 4)
5. The student intern will be able to demonstrate skills in writing an appropriate and viable case management plan. (PLO: 1, 2, 3, 4)

6. The student intern will demonstrate understanding of symptomatic, functional, and structural prognosis for their patient. (PLO: 1, 2, 3, 4)
7. The intern will develop narrative writing skills, summarizing above information.
8. The student will become familiar with the Health Center facilities as well as the operations of the Front Desk, Records Room, Student Health Center and outpatient care areas of the Health Center. (PLO 3A, 4A)
9. The student will acquire a foundational understanding of the policies and procedures of the Health Center. (PLO 4C, 4D, 8B-E)
10. The student will demonstrate knowledge of the clinical subjects required to begin patient care. (PLO 1A-E, 2A-G, 3A-C, 5A-C, 7A-D)
11. The student will demonstrate professional behavior in all interactions in the Health Center. (PLO 4A-D, 5A-C, 8B, 8D-E, 9, 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.

