

SYLLABUS

- Name of Course:** Student Clinic 2 HC-321
- Length of Course:** 1.5 units 22 hours, plus at least 30 clocked patient care hours are required
Co-requisite: 1 unit Entrance Examination HC-501
- Course Description:** Continued instruction in the application of policy, procedure and proper patient protocol. This is the student's first opportunity to assume the responsibility of caring for student patients other than their reciprocal
- 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**)
 - ACS 232 Emergency Care
 - ACS 335/835 Radiology II
 - ACS 311/811 Adjunctive Care: Modalities Lecture/Lab
 - CPP 318 Patient Education Systems
 - HC 810 Student Clinic I Lab (or DIAG 317/817 **Correlative Diagnostic Procedures**)
 - 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 Administration

Required Text: LCCW Health Center Policy & Procedures Manual

Reference Texts: DeGowin's Diagnostic Examination. RF LeBlond 10th ed. 2015
Bate's Guide to Physical Examination & History Taking. LS Bickley 11th ed. 201
Differential Diagnosis and Management for the Chiropractor, Souza 5th ed. 2016
Dorland's Medical Dictionary 29th ed. 2013
Physical Examination of the Spine and Extremities, Hoppenfeld 1976
Illustrated Manual of Neurological & Orthopedic Signs/Tests/Maneuvers, J.M. Mazion 1980

Essentials of Skeletal Radiology Vols. 1 & 2, Yochum 3rd ed. 2005
Class notes and Manuals from Core Technique classes

Materials: Stethoscope, Sphygmomanometer, Oto-Ophthalmoscope,
Reflex Hammer, Disposable Pin Wheels, Tuning Forks,
Thermometer, Tape Measure, Watch with second hand
NOTE: Diagnostic equipment is NOT provided by the Health Center

Method of Instruction: Lecture, Presentation, Case Studies

Evaluation/Grading Criteria: Student Clinic 2 is a Pass/No Pass course. If a student does not complete all requirements by the end of finals week, he or she will receive an Incomplete for Student Clinic 2. 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, s/he must re-enroll in Student Clinic 2, will lose their placement in an outpatient practice and may be delayed or not begin to see outpatients until the following draft.

Requirements to pass the class are as follows:

1. Pass Clinic Entrance Examination. Those students who fail the exam and re-make will be provided the opportunity receive a ‘passing grade’ by Friday of week 1 IF they ‘pass’ ALL stations of the Clinic Entrance Exam the following quarter. If they do not pass OR have to take the re-make during week 2 of the following quarter they will be re-enrolled in Student Clinic 2 the subsequent quarter. Students must continue to attend class in order to see patients. Patient care will be limited to LCCW student patients only. S/he will not be allowed to care for new student patients or student family patients. Passing the Written Entrance Exam is a prerequisite for taking the Practical and x-ray portions of the exam. If a student does not take the practical examination at the scheduled time s/he will not be allowed to take the remake exam.
2. 30 clocked patient care hours – not to overlap with any classroom hours
3. Assessment requirements as follows
4. 2 student patient CMRs completed and assessed for 2 student patients
5. 1 student patient ROF as a result of any exam completed and assessed
6. 10 PVEs assessments (which may include assessments from the Student Clinic 1 coursework
7. Attend a minimum of 3 Clinical Case of the Week and complete an accompanying exercise to serve as evidence of participation.

Outpatient Care:

Outpatient care begins once you are assigned to a Practice Group and have completed at least 20 student patient adjustments.

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**)

Course Goals:

The student will continue to provide care for their reciprocal and will be able to provide care for other students as well. If the Health Center Entrance practical examination is passed, the student may also provide care for new students and student family members. Instruction in Health Center protocol and procedure will continue in preparation for participation in a Health Center outpatient practice with a mentor. Assignment to a practice will take place during Week 5 of the quarter.

Student Learning Outcomes:

The student will be able to:

- Extract significant data from the case history and physical exam to arrive at a reasonable clinical impression, appropriate differential diagnosis, case management plan and prognosis. [PLO: 1A-E, 2A-I, 3A-C, 4A-D, 5A-C, 6A, 7A-C, 10]
- Present this information to the faculty at the Case & Management Review (CMR) [PLO: 4B-D, 7A-C, 8A-E]
- Present the findings to the patient at the Report of Findings [PLO: 3B-D, 4A, 4B, 4D, 5A-C, 7B, 7C, 8B, 8C, 8E,10]
- Demonstrate the skills required to provide comprehensive chiropractic care to their patients. [PLO: 2A-I, 3A-D, 4A-D, 5A-C, 7A-E, 8B, 8E, 9,10]
- Demonstrate professional behavior in all interactions in the Health Center [PLO: 4A-D, 5A-C]

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.