

## SYLLABUS

<b><u>Name of Courses:</u></b>	Clinic I HC-332 Clinic III HC-424	Clinic II HC-413 Clinic IV HC-435
<b><u>Length of Courses:</u></b>	Clinic I – 4 units, 132 hours  Clinic III – 4 units, 132 hours	Clinic II – 4 units, 132 hours  Clinic IV – 4 units, 132 hours

Unlike other courses in the LCCW curriculum, the registration of Health Center courses runs from the first day of the quarter through the last day of the first week of the following quarter. This allows for continuous enrollment from the beginning of Student Clinic One through the completion of the Health Center experience. This is very important so that patient care continues regardless of the academic schedule.

**Course Descriptions:** The advisor acts as a mentor to the intern. The intern's Health Center experience is enhanced through direct and regular contact with a Health Center doctor and a group of their peers. The advisor will assist the intern throughout the Health Center experience. The advisor, together with the intern, is responsible for all the intern's patient files, patient care and education. All evaluation forms generated on interns are forwarded to the intern's advisor and reviewed with the intern to ensure progress, and identify strengths and deficiencies. The advisor will review all x-ray follow-up reports of advisee's patients and take action as necessary or suggested by the radiologist. The advisor will also ensure follow-up on any patient referrals. The advisor with his/her team of interns will have a set time for weekly meetings. The advisor will also meet regularly with interns on a one on one basis. All patient care, record maintenance and essential practice activities will be overseen by the advisor (this includes but is not limited to review of history and exam findings, CMR appointments approval and observation of care).

<b><u>Prerequisites:</u></b>	<b>Clinic I HC-321</b>	Student Clinic 2, Completion of the Practical and X-ray Entrance Exam and at least 30 student category patient adjustments.
	<b>Clinic II – HC-332</b>	Clinic I
	<b>Clinic III – HC-413</b>	Clinic II and Mids
	<b>Clinic IV – HC-424</b>	Clinic III and ICE

**Courses Offered by:** Department of Clinical Education  
Tamara L MacIntyre MSc DC DNM, Chair

**Required Text:** LCCW Health Center Manual

**Materials:** Doc Bag to include 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:** Group meetings, individual meetings, patient care.

**Attendance:** College policy applies. Interns are required to attend Practice Meetings

**Conduct and Responsibilities:** College policy applies.

### **Evaluation/Grading**

**Criteria:** Patient care activities will be observed and assessments will be done in x-ray, office visits, CMRs and ROFs.

**The Health Center experience is a combination of the following components including:**

1. **Classes:** Student Clinic 1 and 2, Clinic I, II, III, and IV
2. **Tests:** Entrance Examination 501, Mid-Proficiency Examination 502, and Clinic Intern Competency Examination (I.C.E.) 503.
3. **Hours:** 518 patient care contact hours as described in the Health Center Manual.
4. **Patient Care:** Completion of this requirement is guided by the criteria described in the Health Center Manual.
5. **Outreach:** Two (2) community outreach experiences. For interns beginning Clinic I in Spring 2015 or later, five (5) community outreach experiences are required.

**Course Goals:** The intern experience is a privilege earned through academic experience and performance. Patient care is of primary importance. Interns are expected to act respectfully and professionally in all interactions with patients. This includes adhering to patient care programs as outlined during CMR and agreed to during the ROF with the patient. Patient abandonment to any extent will not be tolerated.

On assignment to a Health Center practice, the intern agrees to participate fully as a member of the practice. This includes attending all meetings, participation in outreach events, availability during Health Center hours of operation, and coordination with the practice mentor.

The Health Center is open year round (does not close for academic breaks) and patient care continues regardless of an intern's breaks, vacations and/or finals and Board schedules. Interns are required to submit a request and arrange for time away from the Health Center with his/her advisor at least 30 days in advance of the absence. All patient visits must be scheduled and covered by another intern within the practice during the absence.  
Remember that patient care is our first priority!

Any interruption in Health Center activity such as results from a suspension or voluntary leave that is greater than 10 weeks will require a repeat of the Health Center entrance practical exam to re-enter the Health Center and continue completion of graduation requirements. An interruption in Health Center activity that is six months or greater will require a repeat of the Correlative Diagnostic Exam Procedures Course, Student Clinic One, the written Health Center Entrance Exam, and the Health Center entrance practical exam. Activity that is less than minimum (three patient care activities per week) for six months or more will require a repeat of the entrance practical exam to continue in the Health Center.

**Course Requirements:**

The Clinic classes are Pass/No Pass courses. If a student does not complete all requirements, they must re-enroll in the Clinic class.

1. Attendance at group and individual meetings.
2. Participation as a mock patient for the ICE exam beginning in Clinic II and for each subsequent quarter until the Mid-Proficiency exam is passed. Participation as a patient for any other Competency examination if you are asked. Failure to participate will result in an automatic FAIL for the course. The only exemption is if you are registered to take that exam.
3. Completion of all Health Center graduation requirements as stated in the Health Center Policies and Procedures Manual.

## Course Outline:

### Individual Meeting Topics:

#### **CLINIC I**

- Mentor is to complete a File Review on at least 1 of the intern's patient files prior to each individual meeting
- Monitor progress toward requirements for Mids (due by the end of the Clinic I quarter – See the Health Center Manual for additional information).
- Counsel advisees about Mid Proficiency Examination Requirements.
- Discuss evaluation forms from office visits, file reviews, ROFs, the Radiology Department and CMRs.
- Monitor x-ray credits, new patients, patient visit, outreach credits and referrals.
- Ensure advisee file and patient list is current

#### **CLINIC II:**

- Mentor is to complete a File Review on at least 1 of the intern's patient files prior to each individual meeting
- Review Mid Proficiency Performance with the Intern.
- Discuss the Intern's patient visit assessments.
- Discuss evaluation forms from office visits, file reviews, ROFs, the Radiology Department and CMRs.
- Monitor x-ray credits, new patients, patient visit, outreach credits and referrals.
- Ensure advisee file and patient list is current

#### **CLINIC III:**

- Mentor is to complete a File Review on at least 1 of the intern's patient files prior to each individual meeting
- Discuss the Intern's patient visit assessments.
- Discuss evaluation forms from office visits, file reviews, ROFs, the Radiology Department and CMRs.
- Monitor x-ray credits, new patients, patient visit, outreach credits and referrals.
- Discuss Health Center check- out procedures.
- Discuss Intern's plans following graduation including Preceptorship, Associateships etc.
- Ensure advisee file and patient list is current

#### **CLINIC IV:**

- Mentor is to complete a File Review on at least 1 of the intern's patient files prior to each individual meeting
- Meet with the intern in week 1 to report progress toward check-out requirements.
- Set goals and establish strategies to progress towards Health Center completion.
- Complete Patient File Close-out and Advisor Check-out Forms.
- Discuss evaluation forms from office visits, file reviews, ROFs, the Radiology Department and CMRs.
- Monitor x-ray, patient visit and outreach credits and referrals.
- Discuss Intern's plans following graduation including Preceptorship, Associateships etc.
- Check out of the Health Center cannot occur until the 8<sup>th</sup> week of the final quarter the student is enrolled in school unless they are enrolled in the preceptor program.

### Group Meeting Topics:

- Week 1 – Practice group meetings with individual mentors
- Week 2: Patient Education
  - Fall – ROF
  - Winter – Healthy Lifestyle Class – Dr. Callaway
  - Spring – 36 visits scripts – Dr. Gay
  - Summer – Handouts and brochures – Dr. Hilliker
- Week 3 – Practice group meetings with individual mentors to reinforce week 2 topic
- Week 4 – Practice group meetings with individual mentors to reinforce week 2 topic
- Week 5: Internal Marketing
  - Fall – 12 point evaluation – Dr. Kallop
  - Winter – Asking your patients for referrals – Dr. Tiscareno
  - Spring – Recalls and Reactivations – Andrew Herrera
  - Summer – Special Events– Dr. Gay
- Week 6 – Practice group meetings with individual mentors to reinforce week 5 topic
- Week 7 – Practice group meetings with individual mentors to reinforce week 5 topic

- Week 8: External Marketing and end of the quarter surveys
  - Fall - Spinal Screenings, Corporate talks and Chamber events – Dr. Bell
  - Winter – Communication Pyramid– Dr. Gay
  - Spring - Event Planning - Creating your own festivals and screenings
  - Summer – Potluck – All
- Week 9 – Practice group meetings with individual mentors to reinforce week 8 topic
- Week 10– Practice group meetings with individual mentors to reinforce week 8 topic

### **Student Learning Outcomes:**

The student will demonstrate competence in the following:

- Extract significant data from the case history and physical exam to arrive at and support a diagnosis, appropriate differential diagnoses, comprehensive case management plan and prognosis (PLO 1,2,3,4,5,6,7,9) and be able to:
  - Present this information to the faculty at the CMR appointment (PLO 4,7,8)
  - Present the findings to the patient at the Report of Findings (PLO 3,4,5,7)
  - Demonstrate the skills required to provide comprehensive chiropractic care to their patients (PLO 2,4,5,7,8,9)
  - Demonstrate professional behavior in all interactions in the Health Center (PLO 4,5)

**Program Learning Outcomes (PLO):** Students graduating with a Doctor of Chiropractic degree will demonstrate proficiency 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, and laboratory tests.
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 and technology literacy are manifested in an ability to locate, evaluate and integrate research and other types of evidence, including clinical experience, to explain and manage health-related issues and use emerging technologies appropriately.
7. **INTELLECTUAL AND PROFESSIONAL DEVELOPMENT:** Intellectual and professional development is characterized by maturing values and skills in clinical practice; the seeking and application of new knowledge; and the ability to adapt to change.
8. **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
9. **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.



## COMPETENCY TESTING AT A GLANCE

### ENTRANCE EXAM:

Written: Taken as the final exam in Student Clinic 1 class

- Must be concurrently enrolled in Correlative Diagnostic Exam Procedures class

Practical & X-ray Interpretation: Taken the first week of Student Clinic 2 class

- All academic course work through the Junior 1 level (Student Clinic 1) must be completed
- The Written exam must be passed prior to taking the Practical exam
- The Practical & X-ray exam must be passed in order to pass Student Clinic 2

### MID-PROFICIENCY EXAM (Mids):

Case Presentation & X-ray Positioning: Taken during week 6 of the Clinic II quarter

- Must be enrolled in Clinic II
- All academic course work through the Junior 3 (Clinic I) level must be completed
- Must participate as a patient for I.C.E. in the same quarter as taking Mids
- All students Clinic II and above who have not yet passed Mids, must act as patients for the ICE exam.
- At least 30 outpatient adjustments and at least 5 total patient files through CMR (two must be outpatient) by the end of Clinic I.
- Passing Mids is a requirement to pass Clinic II

### EXIT/INTERN COMPETENCY EXAM (I.C.E.):

Practical & X-ray Interpretation: Taken the first week of the Clinic III quarter

- Must be enrolled in Clinic III
- Must have passed the Mid Proficiency Exam in a previous quarter
- At least 70 outpatient adjustments and 10 total patient files (five must be outpatient) through CMR by the end of Clinic II to qualify to take ICE in the Clinic III quarter.
- Passing ICE is required to pass Clinic III
- Passing the I.C.E. exam is an LCCW graduation requirement.

### RE-MAKES AND APPEALS PROCESS:

- Appeals to failing grades can be filed only after taking the re-make exam for the re-make exam.
- Any student who has successfully petitioned to take any exam without fulfilling all prerequisites, may not appeal failing grades for related material.

Students must be enrolled in a Clinic class in order to see patients in the LCCW Health Center. Students may begin seeing their reciprocal student patient while enrolled in Correlative Diagnostic Exam Procedures and Student Clinic 1 classes. Upon passing the Written Entrance exam, they may begin to care for other enrolled LCCW students. After passing the Practical exam, students may begin seeing new LCCW students and student family patients. The ICE exam must be passed in order to check out of the Health Center.

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Please see the Health Center Manual for full details

For details regarding required course work for all competency exams: <http://lifewest.edu/wp-content/documents/health-center-exam-prerequisites.pdf>

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