

SYLLABUS

<u>Name of Course:</u>	Exam: Abdomen and Thorax - DIAG-736
<u>Length of Course:</u>	1 unit, 20 hours (2 hours lab/week)
<u>Course Description:</u>	This course develops the student's understanding and clinical skills needed in the evaluation of the heart, lungs, lymphatic and peripheral vascular systems, and abdomen. It explores the relevant historical data, physical examinations, and basic interpretations of significant clinical findings. Correlation of understanding with the development of these anatomical areas is emphasized.
<u>Prerequisites:</u>	PHPA-224 (CV PHPA), PHPA -225 (Renal-Pulm PHPA), PHPA - 213 (GI PHPA), PATH-227 (Path Lab)
<u>Corequisite:</u>	DIAG-236, DIAG-226
<u>Course Offered by:</u>	Clinical Sciences Department
<u>Required Text:</u>	Bickley LS. Bate's Guide to Physical Examination and History. 10th ed. Philadelphia: Lippincott, Williams & Wilkins; 2009. (On reserve in library) Class notes are for sale in the bookstore
<u>Recommended Text:</u>	LaBlond RF, et al., editors. DeGowin's Diagnostic Examination. 9th ed. New York: McGraw-Hill; 2008. (On reserve in library).
<u>Reference Texts:</u>	Seidel HM, et al. Mosby's Guide to Physical Examination. 7th ed. St. Louis: Mosby; 2011. Swartz MH. Textbook of Physical Diagnosis: History and Examination. 5th ed. Philadelphia: Saunders Elsevier; 2006. Beers MH, et al., editors. Merck Manual of Diagnosis and Therapy. 18th ed. Whitehouse Station: Merck; 2006.
<u>Materials:</u>	Sphygmomanometer, good quality dual-head stethoscope, thermometer w/ cover slips, watch with seconds indicator, towel for patient drape, gown. Each student must have all of their own equipment for the lab and lab practical. Students are required to dress properly for lab practice (see below).
<u>Method of Instruction:</u>	Instruction will take place on a weekly basis. Instruction will consist of lecture, class presentations, small work groups, case studies.
<u>Evaluation/Grading Criteria:</u>	Students will be required to perform the examinations in class following the presentation by the instructor. Examination will be in the form of a practical exam given the tenth week. Each student will be asked to perform a specific exam from the class for evaluation by the instructor.

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 purpose of this course is to provide the student with the knowledge to perform proper examination and diagnosis of the abdomen and thorax for the clinical experience.

Course Objectives:

Week 1	Instructor will present introduction to class, materials list, grading, examination. Abdominal exam auscultation
Week 2	Instructor will present abdominal exam percussion, review abdominal auscultation
Week 3	Instructor will present abdominal exam palpation, review abdominal percussion
Week 4	Instructor will present abdominal case studies, Peripheral vasculature
Week 5	Instructor will present vital signs, case studies
Week 6	Instructor will present posterior thorax palpation, thoracic case studies
Week 7	Instructor will present posterior thorax auscultation, posterior thorax percussion
Week 8	Instructor will present heart exam, case studies, review for final exam
Week 9	Review for final exam
Week 10	Final practical exam

Student Learning Outcomes

1. The student will be able to perform proper examination of the abdominal region through auscultation, percussion, and palpation within a lab setting. (PLO: 1, 3, 5, 8)
2. The student will be able to perform proper examination of the posterior thorax region through auscultation, percussion, and palpation within a lab setting. (PLO: 1, 3, 5, 8)
3. The patient will be able to perform proper vital signs, peripheral vasculature exam, and heart exam within a lab setting. (PLO: 1, 3, 5, 8)
4. The student will be able to interpret and respond to case studies presented to them as they relate to the examinations presented in the lab. (PLO: 1, 2, 3, 5, 8)
5. Students will be able to proficiently perform all presented material for evaluation by instructor. (PLO: 1, 3, 5, 8)

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.