

SYLLABUS

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| <u>Name of Course:</u> | Exam: EENT – Dermatology- DIAG-816_ |
| <u>Length of Course:</u> | 1 unit, 22 hours (2 hours lab) |
| <u>Course Description:</u> | The focus of this course is on gaining the understanding and skills needed to evaluate the skin, nails, head, neck, eyes, ears, nose, mouth and throat. The student will learn how to determine whether a disorder is benign or malignant, contagious or not, and whether it is self-limiting or needs referral to the appropriate health care provider. |
| <u>Prerequisites:</u> | DIAG-226, ANAT-138, PATH-227 |
| <u>Corequisite:</u> | DIAG-316 |
| <u>Course Offered by:</u> | Clinical Science Department |
| <u>Required Text:</u> | Bickley, Bates Guide to Physical Examination and History Taking, 10th ed. Philadelphia: Lippincott Williams & Wilkins; 2008. (on reserve in library) CLASS NOTES available from the bookstore and online (Canvas). |
| <u>Recommended Text:</u> | Beers MH, et al., editors. The Merck Manual of Diagnosis and Therapy. 18 th Ed. Whitehouse Station: Merck; 2006. Goldberg, S. Ophthalmology made ridiculously simple. 4th ed. Miami: Medmaster; 2008. LeBlond R, et al., editors. Degowin's diagnostic examination. 9th ed. New York: McGraw-Hill Medical; 2009. (on reserve in the library) Riordan-Eva P, et al., editors. Vaughan & Asbury's General Ophthalmology. 17th ed. New York: Lange Medical 2008. |
| <u>Reference Texts:</u> | A guide to the use of diagnostic instruments in eye, ear, nose and throat examinations. Skaneateles Falls: Welch Allyn; 1991. (on reserve in library). Seidel HM, Mosby's guide to physical examination. 7th ed. St. Louis: Mosby/ Elsevier; 2011. Swartz, Textbook of physical diagnosis, 5th ed. Philadelphia: Saunders; 2006. |

Materials:

Otoscope, ophthalmoscope, nasal illuminator, penlight, 256 Hz tuning fork, 512 Hz tuning fork, CN I vials with scents, plastic bag kit from bookstore, magnifying glass, pocket Snellen eye chart. Students are expected to have all equipment in working condition in the lab. Students must bring all equipment to lab each week. Failure to do so may result in a one hour penalty cut for being unprepared to practice during the lab class. Each student needs to have his/her own doc bag and equipment.

Method of Instruction:

Instructor demonstrations, mock patient/doctor presentations, hands-on practice.

Evaluation/Grading Criteria:

Comprehensive lab practical

100% of grade

Students will be assigned partners and sign up for times to perform the lab practical exam.

Each student will have 5 minutes to perform a part of the EENT-Derm exam as taught during the quarter.

Students will be expected to bring ALL the necessary equipment (SEE MATERIALS). Lack of working equipment needed to perform the assigned examination may result in auto-failing the practical exam. Students must dress in professional attire that allows access to the entire neck and upper arms for the practical exam.

Lab participation protocol:

Students are expected:

- to do advance reading to prepare for labs
- to bring class notes to labs.
- to actively participate and practice the procedures taught.
- to have the tuning forks, CN vials, plastic bag kit, required textbooks, penlight and magnifying glass by the end of **week 1**.
- to have the ophthalmoscope, otoscope, and nasal illuminator by the end of week 3.**
- to have working instruments so as to be able to practice for the entire lab period.**

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 goal of this course is to prepare the student to be able to perform a competent and thorough examination of the eyes, ears, nose, mouth, throat, lymphatics, and skin; to understand proper instrumentation procedures; and to develop an understanding of examination findings associated with cranial nerve lesions, ear, eye, nose and throat disorders and common dermatological conditions in order to enhance the student's differential diagnosis skills and ability to make appropriate clinical referrals.

Course Objectives:

Week 1: The instructor will discuss required materials; begin cranial nerve examinations. The instructor will call upon students to demonstrate exams they have just learned and will provide feedback.

Week 2: The instructor will continue cranial nerve examinations and provide feedback on student demonstrations.

- Week 3:** The instructor will demonstrate the examination of the head and neck and examination of the nails. The instructor will provide feedback on student demonstrations and guide students as they practice the examinations.
- Week 4:** The instructor will demonstrate examinations of the skin, lymph nodes and the fundus of the eye. The instructor will provide feedback on student demonstrations and guide students as they practice the examinations.
- Week 5:** The instructor will randomly select a student to demonstrate the fundoscopic exam. The instructor will help the students review and practice the fundoscopic examination. The instructor will demonstrate examinations for glaucoma and other examinations of the eyes. The instructor will provide feedback on student demonstrations and guide students as they practice the examinations.
- Week 6:** The instructor will finish the examinations of the eyes and will demonstrate examination of the ears. The instructor will provide feedback on student demonstrations and guide students as they practice the examinations.
- Week 7:** The instructor will randomly select a student to demonstrate the ear exam. The instructor will demonstrate hearing examinations. The instructor will provide feedback on student demonstrations and guide students as they practice the examinations.
- Week 8:** The instructor will demonstrate the examination of the mouth and throat and of the nose and sinuses. The instructor will provide feedback on student demonstrations and guide students as they practice the examinations.
- Week 9:** The instructor will give feedback and guidance as the students review and practice all exams. The instructor will randomly select students to demonstrate the various examinations.
- Week 10:** The instructor will randomly select students to perform mock testing to simulate the experience of the lab practical, including the 5-minute time limit.
- Week 11:** **The instructor will administer the practical exam – check finals schedule for the date and time. Students will have signed up for times during the previous week. Students must arrive before their scheduled time, bring ALL equipment and be dressed properly (test attire will be discussed in the week 10 lab).**

Student Learning Outcomes (SLO):

The student will be able to:

- Conduct examinations of the cranial nerves, head and neck including the thyroid gland, trachea, and lymph nodes, skin, nails, eyes, ears, nose, throat, and paranasal sinuses. [PLO: 1, 3, 8]
- Demonstrate proper use of the ophthalmoscope, otoscope, nasoscope, and tuning forks. [PLO: 1, 3, 8]
- Interpret the examination findings and describe which are normal and which are abnormal. [PLO: 1, 2, 3]
- Describe the significance of abnormal examination findings. [PLO: 1, 2, 3, 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.