

SYLLABUS

Name of Course: Exam: EENT – Dermatology- DIAG-816

Length of Course: 1 unit, 22 hours (2 hours lab)

Course Description: 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.

Prerequisites: DIAG-226, ANAT-138, PATH-227

Corequisite: DIAG-316

Course Offered by: Clinical Science Department

Required Text: Bickley, Bates Guide to Physical Examination and History Taking, 10th ed. Philadelphia: Lippincott Williams & Wilkins; Latest edition. (on reserve in library)
CLASS NOTES available from the bookstore and online (Canvas).

Recommended Text:

Beers MH, et al., editors. The Merck Manual of Diagnosis and Therapy. 18th 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.

Reference Texts: 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 (optional), penlight(s), 256 Hz tuning fork, 512 Hz tuning fork, CN I vials with scents, finger cots (and/or gloves), tongue depressors, cotton applicators, otoscope covers, and alcohol wipes, magnifying glass, Rosenbaum card for near vision screening, business card.

Each student needs to have all required EENT equipment in working condition for each lab session.

Method of Instruction: Instructor demonstrations, mock patient/doctor presentations, hands-on practice with peer feedback.

Note: Instruction and review will include student demonstrations. At any point, any student may randomly be called upon to demonstrate examinations taught during the quarter. Arrangements must be made with the instructor at the beginning of the quarter if a student has a special circumstance that warrants being excused from this form of participation. Otherwise, refusal to participate may result in loss of attendance credit.

Evaluation/Grading Criteria:

Equipment inventory	5 points
Quiz	5 points
<u>Comprehensive lab practical</u>	<u>100 points</u>
Total	110 points

Equipment inventory: At random intervals during the quarter, the instructor will inventory each student's doc bag for the required EENT equipment. The student must be present in class and have all of the EENT equipment in the lab room at the time of the inventory to receive points. See materials for what equipment is required.

The format of the quiz will be discussed in class and posted on Canvas.

Comprehensive lab practical: The week before the practical, students will select partners and sign up for times to perform the lab practical exam. Each student will have 5 minutes to perform an assigned component of the EENT exam as taught during the quarter. Students will need to bring ALL the necessary equipment (SEE MATERIALS) to the practical exam. 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 for the practical exam.

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, and lymphatics; to understand proper instrumentation procedures; and to develop an understanding of examination findings associated with cranial nerve lesions, and ear, eye, nose and throat disorders in order to enhance the student's differential diagnosis skills and ability to make

appropriate clinical referrals.

Course Objectives:

- Cranial nerve examination
- Anterior neck and head examination
- Temporomandibular joint examination
- Lymph node examination
- Fundusoscopic examination
- Assorted eye examinations
- Tests for glaucoma
- Ear examination
- Hearing tests: finger rub, Weber and Rinne
- Nose and sinus examination
- Mouth and throat examination

Student Learning Outcomes (SLO): (PLO 1)

The student will be able to:

1. Examine the cranial nerves appropriate to each focused examination performed.
2. Describe normal and abnormal cranial nerve exam findings.
3. Describe the significance of abnormal cranial nerve exam findings.
4. Perform an examination of the neck and head.
5. Describe normal and abnormal neck and head exam findings.
6. Describe the significance of abnormal neck and head exam findings.
7. Perform an examination of the temporomandibular joint (TMJ).
8. Describe normal and abnormal TMJ exam findings.
9. Describe the significance of abnormal TMJ exam findings.
10. Correctly palpate the lymph nodes of the head and neck.
11. Name the lymph nodes of the head and neck.
12. Describe the palpation findings for normal, infected, cancerous, and calcified lymph nodes.
13. Demonstrate eye examination procedures.
14. Recall and demonstrate the examinations that would test for glaucoma.
15. Describe normal and abnormal eye exam findings.
16. Describe the significance of abnormal eye exam findings.
17. Perform a fundusoscopic examination.
18. Describe the normal and abnormal fundusoscopic exam findings.
19. Describe the significance of abnormal fundusoscopic examination findings.
20. Demonstrate a complete ear examination.
21. Describe normal and abnormal ear exam findings.

22. Describe the significance of abnormal ear exam findings.
23. Demonstrate a hearing examination consisting of the finger rub, Weber, and Rinne tests.
24. Describe normal and abnormal results for the finger rub test.
25. Describe normal and abnormal results for the Weber test.
26. Differentiate air conduction hearing loss from sensorineural hearing loss based on Weber test results.
27. Describe normal and abnormal results for the Rinne test.
28. Differentiate air conduction hearing loss from sensorineural hearing loss based on Rinne test results.
29. List causes for air conduction hearing loss.
30. List causes for sensorineural hearing loss.
31. Perform an examination of the nose.
32. Describe normal and abnormal nose exam findings.
33. Describe the significance of abnormal nose exam findings.
34. Perform an examination of the paranasal sinuses.
35. Describe normal and abnormal sinus exam findings.
36. Describe the significance of abnormal sinus exam findings.
37. Perform an examination of the mouth and throat.
38. Describe normal and abnormal mouth and throat exam findings.
39. Describe the significance of abnormal mouth and throat exam findings.

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.