

## SYLLABUS

**Name of Course: Exam: Ear, Eyes, Ears, Nose and Throat DIAG316**

**Length of Course:** 2 units, 33 hours (3 hours lecture)

**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

**Co-requisite:** DIAG-816

**Courses offered by:** Clinical Sciences Department

**Required Text:** Bickley, Bates Guide to Physical Examination and History Taking, 10th ed. Philadelphia: Lippincott Williams & Wilkins; Latest edition. (on reserve in the library)  
Wiles, M., Williams, J., & Ahmad, K. Essentials of Dermatology for Chiropractors. Sudbury, MA: Jones & Bartlett. 2011

CLASS NOTES available electronically on Canvas.

**Recommended Texts:** Beers MH, et al., editors. The Merck Manual of Diagnosis and Therapy. 18<sup>th</sup> 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.  
Wolff, Fitzpatrick's Color Atlas and Synopsis of Clinical Dermatology, 6th ed. New York: McGraw Hill Medical; Latest edition. (on reserve in the library)

**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 the library).  
Seidel HM, Mosby's guide to physical examination. 7th ed.  
St. Louis: Mosby/Elsevier; 2011

**Materials:** None for lecture (see lab syllabus for lab materials)

**Method of Instruction:** Lecture, peer teaching, handouts, audio-visual teaching aids, review quizzes.

**Evaluation/Grading Criteria:**

Midterm exams: (50 points each)	100 points
Identifying conditions exam or assignment	50 points
Final Exam (comprehensive)	100 points
<u>Quizzes (on Canvas and in class)</u>	<u>0 points</u>
Total	250 points

Quizzes will be offered for review; they will not count toward the course grade. Occasional pop quizzes may be given in class for bonus points. Students must be present in class at the time of a pop quiz to receive the bonus points.

**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](mailto: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.

**Topics covered:**

- Cranial nerves (functions and examination procedures)
- Nails examination and significance of abnormal findings
- Lymph exam
- Anterior neck exam
- TMJ exam
- Eye examination
  - External inspection and select conditions
  - Glaucoma: risk factors and screening tests
  - Funduscopic examination and select pathologies
- Ear examination: external and otoscopic; select conditions of the ear
- Nose examination and select nasal conditions
- Sinus examination
- Mouth and throat examination
- Dermatology: terminology to describe skin lesions; select dermatological conditions
- Role of chiropractor in managing conditions covered and appropriate referrals

## **Student Learning Outcomes (SLO):**

1. Recall the functions of the cranial nerves.
2. Recall the procedures for examining cranial nerves. (PLO 1)
3. Interpret cranial nerve exam findings as normal or abnormal. (PLO 1)
4. Identify the significance of abnormal cranial nerve exam findings. (PLO 1)
5. Interpret fingernail and toenail examination findings as normal or abnormal. (PLO 1)
6. Identify the significance of select nail disorders. (PLO 1)
7. Recall the procedures for examination of the anterior neck and head. (PLO 1)
8. Interpret neck and head exam findings as normal or abnormal. (PLO 1)
9. Identify the significance of abnormal neck and head exam findings. (PLO 1)
10. Recall the procedures for examination of the temporomandibular joint (TMJ).
11. Interpret TMJ exam findings as normal or abnormal. (PLO 1)
12. Identify the significance of abnormal TMJ exam findings. (PLO 1)
13. Differentiate normal, infected, cancerous, and calcified lymph nodes. (PLO 1)
14. Recall eye examination procedures. (PLO 1)
15. Select appropriate eye examinations based upon suspected diagnosis. (PLO 1)
16. Interpret eye examination findings as normal or abnormal. (PLO 1)
17. Identify the significance of abnormal eye exam findings. (PLO 1)
18. Recall the procedures for a complete ear examination. (PLO 1)
19. Interpret ear examination findings as normal or abnormal. (PLO 1)
20. Identify the significance of abnormal ear exam findings. (PLO 1)
21. Recall the procedures for a hearing examination consisting of the finger rub, Weber, and Rinne tests. (PLO 1)
22. Interpret the results of the finger rub, Weber and Rinne tests. (PLO 1)
23. Differentiate causes for air conduction hearing loss from causes for sensorineural hearing loss. (PLO 1)
24. Recall the anatomy of the nose.
25. Interpret nose exam findings as normal or abnormal. (PLO 1)
26. Identify the significance of abnormal nose exam findings. (PLO 1)
27. Recall the procedures for examination of the sinuses. (PLO 1)
28. Interpret sinus exam findings as normal or abnormal. (PLO 1)
29. Identify the significance of abnormal sinus exam findings. (PLO 1)
30. Interpret mouth exam findings as normal or abnormal. (PLO 1)
31. Identify the significance of abnormal mouth exam findings. (PLO 1)
32. Interpret throat exam findings as normal or abnormal. (PLO 1)
33. Identify the significance of abnormal throat exam findings. (PLO 1)
34. Form a clinical impression based on description of key findings for select dermatological conditions. (PLO 1)
35. Differentiate malignant from benign skin lesions. (PLO 1)
36. Recall distinguishing features of select contagious skin conditions. (PLO 1)
37. Identify, based on visual characteristics, select conditions of the skin, eyes, ears, nose, and mouth. (PLO 1)
38. Determine appropriate referrals for conditions covered that fall outside the scope of chiropractic. (PLO 2, 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.