

SYLLABUS

Name of Course: Emergency Care (ACS-232)

Length of Course: 2 units, 33 hours,

Course Description: The focus of Emergency Care; ACS-232 is to help students recognize true emergencies and familiarize the chiropractic student with the skills of basic first aid, CPR, assessment, trauma, environmental safety and triage. Additionally, medical transport, immobilization, and common medical emergencies will be reviewed.

Prerequisites: DIAG 226, DIAG 237, DIAG 236

Course Offered by: Clinical Sciences Department

Primary Text: Outdoor Emergency Care, by McNamara and Johe, Rev.5th ed, 2017

Reference Text: EMT Prehospital Care, by Henry and Stapleton Rev.4th ed 2010
Textbook of Physiology by Guyton

Method of Instruction: Lecture, online, video presentations, hands-on practice

Evaluation: Quiz 40%
CPR Practical 25%
Final: 35%

A: 90-100%
B: 80-89
C: 70-79%
F: below 70%

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.00002)

Conduct & Responsibilities: Please refer to the Personal Conduct, Responsibility and Academic

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 Emergency Care is to develop the skills to recognize Emergencies that may appear in the chiropractic environment as well as emergencies that may occur in the community. Develop the skills to deliver basic life support and assist in the emergency response system.

Course Topics:

- Understand the legal aspects differences of responding to an emergency in the community or in a chiropractic office
- Learn an assessment protocol of assessing a patient with a traumatic injury vs an illness.
- Explain the appropriate response to an emergency scene. Describe the priorities regarding life support of an injured patient and initial patient assessment.
- Describe the physiology and appropriate emergency response to soft tissue injury hemorrhage and shock.
- Understand the basics of bleeding control and splinting
- Discuss and understand the management of injuries to the head, chest, abdomen, pelvis and femurs.
- Review and evaluate the practical skills of adult, child and infant CPR, AED and choking

- Discuss and understand the implications of environmental exposure, being unprepared for natural or man-made disasters.

- Discuss emergency as it related to a sports and office environment.

Student Learning Outcomes (SLO):

The following student learning outcomes map to program learning outcomes 1 and 3.

1. The student will be able to recognize emergencies in the community and chiropractic office environment
2. The student will be able to understand protocol of assessment.
3. The student will be able to understand the nature of a traumatic injury vs an illness of emergency care for chest injuries.
4. The student will be able to deliver effective CPR, AED and choking care
5. The student will be able to understand the nature of community disasters.
6. Be able to access emergency care skills in the sports environment

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. Interprofessional 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.