COURSE OUTLINE:


I. Cardiopulmonary Resuscitation
   A. Adult
   B. Child
   C. Infant

II. Preparatory
A. Introduction to Emergency Medical Care
B. The Well-Being of the First Responder
C. Legal, and Ethical Issues
D. The Human Body
E. Baseline vital Signs and History Taking
F. Preparing to Lift and Move Patients

III. Airway
A. Airway Management
B. Ventilation
C. Oxygen Therapy

IV. Patient Assessment
A. Scene Size-Up
B. Patient Assessment
C. Assessment of Geriatric Patients
D. Communication
E. Documentation

V. Medical
A. Chest Pain
B. Respiratory Emergencies
C. Environmental Emergencies
D. Behavioral Emergencies

VI. Trauma
A. Mechanisms of Injury: Kinetics of Trauma
B. Bleeding and Shock
C. Soft Tissue Injuries
D. Burn emergencies
E. Musculoskeletal injuries
F. Injuries to the Head
G. Injuries to the Spine
H. Eye, Face, and Neck Injuries
I. Chest, Abdomen, and Genitalia injuries
J. Agricultural and industrial Emergencies

EXPECTED LEARNER OUTCOMES:
A. The learner will demonstrate proficiency in adult, a child & infant CPR procedures & skills.
B. The learner will discuss the responsibilities & the well being of the First Responder.
C. The learner will discuss medical, legal, ethical & human issues of Pre-hospital call.
D. The learner will discuss anatomical structures & their function.
E. The learner will demonstrate proficiency in obtaining vital signs, history taking and lifting & moving patients.
F. The learner will demonstrate proficiency in managing patients’ airway.
G. The learner will perform a complete patient assessment.
H. The learner will discuss mechanism, signs & symptoms and management of trauma.

COURSE COMPETENCIES:
The learner will demonstrate proficiency in adult child & infant CPR procedures and skills.
1. The learner will demonstrate adult obstructed airway maneuvers.
2. The learner will demonstrate adult CPR procedures.
3. The learner will demonstrate child obstructed airway maneuvers.
4. The learner will demonstrate child CPR procedures.
5. The learner will demonstrate infant obstructed airway maneuvers.
6. The learner will demonstrate infant CPR procedures.
7. The learner will demonstrate rescue breathing for adult, child & infants.
8. The learner will discuss use of the Automatic external defibrillator and resuscitation of the cardiac arrest patient.
9. The learner will relate risk factors associated to heart disease & strokes.
10. The learner will pass CPR written exam with score of 85% or higher.

The learner will demonstrate responsibilities and well being of the Emergency Medical Responder.
11. The learner will relate body substance isolation procedures to specific patient care.
12. The learner will relate principals of scene safety to patient care scenarios.
13. The learner will discuss stress management.

The learner will discuss medical, legal, ethical & human issues of pre-hospital care.
14. The learner will define types of patient consent.
15. The learner will discuss patient refusal, advance directives.
16. The learner will define and discuss negligence and the reporting of special situations.

The learner will discuss anatomical structures and the function, obtaining vital signs and history taking.
17. The learner will discuss anatomy & function of the musculoskeletal system.
18. The learner will discuss anatomy & function of the respiratory system.
19. The learner will discuss anatomy & function of the circulation system.
20. The learner will discuss anatomy & function of the nervous system.
21. The learner will discuss anatomy & function of the endocrine system.
22. The learner will discuss anatomy & function of the skin.

The learner will demonstrate the correct procedures and techniques for obtaining vital signs.
23. The learner will demonstrate assessment of respiratory rate, regularity & quality.
24. The learner will demonstrate assessment of pulse rate, regularity & quality.
25. The learner will demonstrate assessment of skin moisture, temperature & condition.
26. The learner will demonstrate assessment of pupil size & reactivity to light.
27. The learner will demonstrate assessment of blood pressure.
28. The learner will demonstrate assessment of ability to secure SAMPLE history.

The learner will demonstrate correct procedures and techniques for managing a patient’s airway.
29. The learner will discuss anatomy & function of the respiratory system.
30. The learner will discuss the airway anatomy in infants & children and relate it to care.
31. The learner will demonstrate appropriate airway opening techniques.
32. The learner will demonstrate use of airway adjuncts and suction equipment.
33. The learner will differentiate between adjuncts and inadequate breathing.
34. The learner will demonstrate techniques of artificial ventilation and relate them to specific situations.
35. The learner will demonstrate correct operation of oxygen tanks and regulators and relate use to specific situations.
36. The learner will discuss & demonstrate special airway management considerations.

The learner will perform a complete patient assessment.
37. The learner will perform a scene size up.
38. The learner will perform an initial assessment.
39. The learner will perform a rapid trauma assessment.
40. The learner will perform a detailed trauma assessment.
41. The learner will perform an ongoing trauma assessment.
42. The learner will demonstrate assessment and recording of vital signs.
43. The learner will provide a description of the scene in the form of a radio report.
The learner will discuss mechanism, signs & symptoms & management of trauma.
44. The learner will discuss mechanism of injury as it relates to kinetics trauma.
45. The learner will discuss bleeding & shock.
46. The learner will discuss soft tissue injuries.
47. The learner will discuss burn emergencies.
48. The learner will discuss musculoskeletal injuries and demonstrate use of appropriate splint in the management of those injuries.
49. The learner will discuss injuries of the head.
50. The learner will discuss injuries of the spine.
51. The learner will discuss injuries of the eye, face & neck.
52. The learner will discuss injuries of the chest, abdomen & genitals.
53. The learner will discuss agriculture and industrial emergencies.

ASSESSMENT OF LEARNER OUTCOMES:
Student progress is evaluated by means that include, but are not limited to, exams, written assignments, and class participation.

SPECIAL NOTES:
This syllabus is subject to change at the discretion of the instructor. Material included is intended to provide an outline of the course and rules that the instructor will adhere to in evaluating the student’s progress. However, this syllabus is not intended to be a legal contract. Questions regarding the syllabus are welcome any time.

Kansas City Kansas Community College is committed to an appreciation of diversity with respect for the differences among the diverse groups comprising our students, faculty, and staff that is free of bigotry and discrimination. Kansas City Kansas Community College is committed to providing a multicultural education and environment that reflects and respects diversity and that seeks to increase understanding.

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