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## Healthcare

### HEAL 101 (5280) Cardiopulmonary Resuscitation

Prerequisite: None

Credit Hours: .5

Students will review didactic material concerning: CPR theory, when to initiate/discontinue CPR, proper compression and ventilation techniques, Heimlich maneuver (FBAO relief), hazards of CPR, assessment skills. Students will demonstrate: proper compression and ventilation techniques (on mannequins), Heimlich maneuver for clearing an obstructed airway, to include pregnant and obese patients, and reasonable assessment skills. Students will pass the 50-question written examination with a minimum score of 80%.

### HEAL 106 (5231) Medical Terminology KRSN HSC1030\*\*

Prerequisite: None

Credit Hours: 3

Presents basic concepts and elements of medical terms pertaining to the study of the human body, and assists in the development of the ability to read and understand the language of medicine. This course will introduce the basic elements of medical terminology such as prefixes, suffixes, word roots, and combining forms. Commonly used abbreviations will also be addressed

### HEAL 109 General Physics for Health Science

Prerequisite: None

Credit Hours: 4

This course will enable the student to approach physics with practical applications in healthcare. The course explores soundwaves, motion, force, work, rate, fluid dynamics, momentum, and resistance. The student will learn the concepts to energies systems- mechanical, fluid, electrical, and thermal within the circulatory system. Students perform laboratory experiments that relate each concept to the four energy systems.

### HEAL 121 (5211) Nurse Aide: Geriatric

Prerequisite: Two-Step TB Skin Test and Accuplacer Reading Test

Credit Hours: 6

State-approved course which prepares the student to take the Kansas examination for nurse aide certification. Identify and apply in the clinical setting the basic concepts and principles of resident welfare, safety, psychosocial needs of residents, resident rights, rehabilitation, and legal and ethical responsibilities. Apply the knowledge of basic disease process, aging process, and nursing procedures to the care of residents encountered in a long-term care facility. Students should be able to lift 100-150 pounds.

### HEAL 131 (5212) Medication Aide

Prerequisite: Kansas Certified Nurse Aide License, Two-Step TB Skin Test, Accuplacer Reading Test, and Pre-Algebra Test

Credit Hours: 5

This course is intended to prepare participants to safely perform the standard duties of a medication aide within Kansas licensed adult care homes. Material will be presented through online forums, quizzes, and critical thinking activities with instructor support.

A 25 hour clinical rotation will be completed by the student with the instructor. The state test will be administered at the LCC campus after the completion of online instruction and clinical rotation.

### HEAL 132 (5221) Medication Aide Recertification

Prerequisite: Must be Medication Aide

Credit Hours: 1

State approved course. A review of skills essential for the administration, care, and handling of medications. Required every two years by state regulations.

It consists of an overview of current medications and their effects on the elderly, including over medication and drug abuse, drug and drug food interactions, drug classification update and regulations, and other legal considerations.

\*Refer to the Placement Testing Procedure 3.22, page 22 \*\*Refer to Course Transfer, page 17

**HEAL 135 Principles of Phlebotomy**

Prerequisite: None

Credit Hours: 4

This is a course designed to teach phlebotomy skills for specimen collection using a vacutainer system as well as equipment for difficult draws. Participants will obtain phlebotomy skills to proficiently obtain blood specimens by venipuncture and dermal techniques. The course will consist of lecture and laboratory sessions. The course will also include preparation for a national certification exam. For each unit of credit, a minimum of three hours per week with one of the hours for class and two hours for studying/ preparation outside of class is expected.

**HEAL 142 (5213) Emergency Medical Technician – EMT**

Prerequisite: High school diploma or GED or be a current high School senior enrolling with the consent of your school.

Must be 17 years of age by the end of the course. Valid Driver's License.

Reading Placement Test Level: Accuplacer Reading Score of 75 or higher, or ACT Reading Test scoring of 17 or higher or successful completion of Pre-College Reading &amp; Writing.

Proof of immunizations including a current Td 2 Step TB Test.

Criminal Background Check (paid by student). Complete a program orientation at LCC.

Credit Hours: 12

This course will develop student skills in recognizing symptoms of illness and injuries and proper procedures of emergency care. This course prepares the student to take the Kansas State Board of Emergency Medical Services examination for Emergency Medical Technician certification. This course is designed for individuals interested in providing medical care to patients in the prehospital setting. It will provide the participant with opportunity to gain information, skills and attitudes necessary for certification and practice as an EMT in the State of Kansas. This course is approved by the Kansas Board of Emergency Medical Services. It addresses information and techniques currently considered to be the responsibilities of the Emergency Medical Technician according to the United States Department of Transportation National Standard Curriculum and the Kansas Authorized Activities for the EMT.

**HEAL 151 (5819) Advanced Cardiac Life Support (ACLS)**

Prerequisite: None

Credit Hours: 1

This course is designed to provide the participant with the skills to respond to acute cardiovascular situations in and out of the hospital setting.

## History

**HIST 101 (2251) American History To 1877 KRSN HIS1010\*\***

Prerequisite: None

Credit Hours: 3

A survey of the social, political, cultural, diplomatic, and economic development of North America, the British colonies, and the United States from before the arrival of Europeans to 1877.

**HIST 102 (2252) American History Since 1877 KRSN HIS1020\*\***

Prerequisite: None

Credit Hours: 3

A survey of the social, political, cultural, diplomatic, and economic development of the United States from 1877 to the present.

**HIST 103 (2253) World History to 1500 KRSN HIS1030\*\***

Prerequisite: None

Credit Hours: 3

A survey of world history from prehistory to about 1500 C.E. The histories of the Ancient Near East, India, China, Greece, Rome, Ancient America, the Muslim world, and Medieval Europe will be compared through their politics, religions, philosophies, societies, economics, and cultures.

\*Refer to the Placement Testing Procedure 3.22, page 22 \*\*Refer to Course Transfer, page 17