



**COWLEY COLLEGE
& Area Vocational Technical School**

COURSE PROCEDURE FOR

**PRE-HOSPITAL TRAUMA LIFE SUPPORT (PHTLS)
NCH6208 0 Credit Hour**

Student Level:

This course is open to students on the college level in either the freshman or sophomore year.

Catalog Description:

NCH6208 - PRE-HOSPITAL TRAUMA LIFE SUPPORT (PHTLS) (0 hr)

The purpose of this PHTLS course is to provide students with the knowledge, psychomotor ability, and attitudes necessary to manage traumatized patients in the pre-hospital setting. Students will be able to respond to these emergencies, with an emphasis on rapid assessment and recognition, airway management, fluid resuscitation and pharmacological intervention. Typical students are respiratory therapists, nurses, EMTs or paramedics.

Prerequisite:

EMT, paramedic, RN, LPN, RRT, DO or MD certification/licensure.

Controlling Purpose:

The purpose of the PHTLS course is to provide students with an academic and working knowledge of pre-hospital trauma life support. It provides the basic and advanced concepts of trauma care which are needed to function as an EMT or paramedic in the pre-hospital setting. Many EMS organizations require this certification.

Learner Outcomes:

The student will develop competencies in managing the traumatized patient with basic and advanced therapies. The student will be able to perform a patient assessment and deliver basic and advanced patient care based on the findings. Students will be able to respond to these emergencies, with an emphasis on rapid assessment and recognition, airway management, fluid resuscitation and pharmacological intervention. Typical students are respiratory therapists, nurses, EMTs or paramedics.

Units Outcomes and Criterion Based Evaluation Key for Core Content:

The following defines the minimum core content not including the final examination period. Instructors may add other content as time allows.

Evaluation Key:

A = All major and minor goals have been achieved and the achievement level is considerably above the minimum required for doing more advanced work in the same field.

- B = All major goals have been achieved, but the student has failed to achieve some of the less important goals. However, the student has progressed to the point where the goals of work at the next level can be easily achieved.
- C = All major goals have been achieved, but many of the minor goals have not been achieved. In this grade range, the minimum level of proficiency represents a person who has achieved the major goals to the minimum amount of preparation necessary for taking more advanced work in the same field, but without any major handicap of inadequacy in his background.
- D = A few of the major goals have been achieved, but the student's achievement is so limited that he is not well prepared to work at a more advanced level in the same field.
- F = Failing, will be computed in GPA and hours attempted.
- N = No instruction or training in this area.

Unit 1: PRE-HOSPITAL TRAUMA LIFE SUPPORT						
Outcomes: The student will develop an academic and working knowledge of pre-hospital trauma care.						
A	B	C	D	F	N	Specific Competencies
						The student will demonstrate the ability to:
						Describe the kinematics of trauma
						Describe a rapid trauma assessment
						List the components of a focused trauma assessment
						The student will be able to:
						Describe airway management in the traumatized patient
						List the airways adjuncts used for a traumatized patient, to include indications, contraindications and special considerations
						Describe thoracoabdominal trauma
						List the common thoracic and abdominal injuries, to include signs/symptoms, management and special considerations
						Describe head trauma
						Describe spinal trauma
						List the common head injuries, to include signs/symptoms, management and special considerations
						List the spinal injuries, to include signs/symptoms, management and special considerations
						Describe the use of short and long spine boards
						Describe rapid extrication
						List the signs/symptoms of a fracture, dislocation, sprain and strain
						Describe the management of extremity trauma for a critical and non-critical

						trauma patient
						List the categories of burn injuries
						List burn injuries, to include signs/symptoms, management and special considerations
						List the cold-related injuries, to include signs/symptoms, management and special considerations
						The student will be able to:
						Define shock
						List the types of shock, to include pathophysiology, signs/symptoms, management and special considerations
						List the initial care and resuscitation of the injured child
						List the initial care and resuscitation of the geriatric patient
						Describe multisystems trauma
						Describe the assessment, management and special considerations for the multisystems trauma patient
						List the indications for helicopter emergency transport
						Define technical rescue
						Describe the management of barotraumas
						Describe tactical EMS operations

Projects Required:

As assigned.

Textbook:

Contact Bookstore for current textbook.

Materials/Equipment Required:

None.

Attendance Policy:

Students should adhere to the attendance policy outlined by the instructor in the course syllabus.

Grading Policy:

The grading policy will be outlined by the instructor in the course syllabus.

Maximum class size:

Based on classroom occupancy

Course Timeframe:

The U.S. Department of Education, Higher Learning Commission and the Kansas Board of Regents define credit hour and have specific regulations that the college must follow when developing, teaching and assessing the educational aspects of the college. A credit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally-established equivalency that reasonably approximates not less than one hour of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work for approximately fifteen weeks for one semester hour of credit or an equivalent amount of work over a different amount of time. The number of semester hours of credit allowed for each distance education or blended hybrid courses shall be assigned by the college based on the amount of time needed to achieve the same course outcomes in a purely face-to-face format.

Refer to the following policies:

[402.00 Academic Code of Conduct](#)

[263.00 Student Appeal of Course Grades](#)

[403.00 Student Code of Conduct](#)

Disability Services Program:

Cowley College, in recognition of state and federal laws, will accommodate a student with a documented disability. If a student has a disability which may impact work in this class and which requires accommodations, contact the Disability Services Coordinator.